**HIGHLIGHTS OF PRESCRIBING INFORMATION**

These highlights do not include all the information needed to use LARTRUVO safely and effectively. See full prescribing information for LARTRUVO.

LARTRUVO (olaratumab) injection, for intravenous use
Initial U.S. Approval: 2016

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**INDICATIONS AND USAGE**

LARTRUVO™ is a platelet-derived growth factor receptor alpha (PDGFR-α) blocking antibody indicated, in combination with doxorubicin, for the treatment of adult patients with soft tissue sarcoma (STS) with a histologic subtype for which an anthracycline-containing regimen is appropriate and which is not amenable to curative treatment with radiotherapy or surgery. (1)

This indication is approved under accelerated approval. Continued approval for this indication may be contingent upon verification and description of clinical benefit in the confirmatory trial. (14)

---

**DOSAGE AND ADMINISTRATION**

- Administer LARTRUVO at 15 mg/kg as an intravenous infusion over 60 minutes on Days 1 and 8 of each 21-day cycle until disease progression or unacceptable toxicity. (2.1)
- For the first 8 cycles, LARTRUVO is administered with doxorubicin. (2.1)
- Premedicate with diphenhydramine and dexamethasone intravenously, prior to LARTRUVO on Day 1 of cycle 1. (2.2)
- For intravenous infusion only. Do not administer as an intravenous push or bolus. (2.4)

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**CONTRAINDICATIONS**

None. (4)

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**WARNINGS AND PRECAUTIONS**

- Infusion-Related Reactions: Monitor for signs and symptoms during and following infusion. Discontinue LARTRUVO for Grade 3 or 4 infusion-related reactions. (2.2, 2.3, 5.1)
- Embryo-Fetal Toxicity: Can cause fetal harm. Advise females of potential risk to the fetus and to use effective contraception during treatment with LARTRUVO and for 3 months after the last dose. (5.2, 8.1, 8.3)

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**ADVERSE REACTIONS**

The most common (≥20%) adverse reactions of LARTRUVO plus doxorubicin are nausea, fatigue, musculoskeletal pain, mucositis, alopecia, vomiting, diarrhea, decreased appetite, abdominal pain, neuropathy, and headache. (6.1)

The most common (≥20%) laboratory abnormalities were lymphopenia, neutropenia, thrombocytopenia, hyperglycemia, elevated aPTT, hypokalemia, and hypophosphatemia. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Eli Lilly and Company at 1-800-LillyRx (1-800-545-5979) or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

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**USE IN SPECIFIC POPULATIONS**

Lactation: Advise women not to breastfeed. (8.2)

See 17 for PATIENT COUNSELING INFORMATION.

Revised: 10/2016

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**FULL PRESCRIBING INFORMATION: CONTENTS**

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3 DOSAGE FORMS AND STRENGTHS
4 CONTRAINDICATIONS
5 WARNINGS AND PRECAUTIONS
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* Sections or subsections omitted from the full prescribing information are not listed.
1 INDICATIONS AND USAGE
LARTRUVO™ is indicated, in combination with doxorubicin, for the treatment of adult patients with soft tissue sarcoma (STS) with a histologic subtype for which an anthracycline-containing regimen is appropriate and which is not amenable to curative treatment with radiotherapy or surgery.

This indication is approved under accelerated approval [see Clinical Studies (14)]. Continued approval for this indication may be contingent upon verification and description of clinical benefit in the confirmatory trial.

2 DOSAGE AND ADMINISTRATION
2.1 Recommended Dosage
The recommended dose of LARTRUVO is 15 mg/kg administered as an intravenous infusion over 60 minutes on Days 1 and 8 of each 21-day cycle until disease progression or unacceptable toxicity. For the first 8 cycles, LARTRUVO is administered with doxorubicin, [see Clinical Studies (14)].

Refer to doxorubicin prescribing information for dosing, and dose modifications.

2.2 Premedication
• Premedicate with diphenhydramine (25 to 50 mg intravenously) and dexamethasone (10 to 20 mg intravenously) prior to LARTRUVO on Day 1 of cycle 1.

2.3 Dosing Modifications
Infusion-Related Reactions
• Permanently discontinue LARTRUVO for Grade 3 or 4 infusion-related reactions [see Dosage and Administration (2.2) and Warnings and Precautions (5.1)].
• Interrupt infusion of LARTRUVO for Grade 1 or 2 infusion-related reactions (IRR). After resolution, resume LARTRUVO infusion at 50% of the initial infusion rate. [see Warnings and Precautions (5.1)]

Neutropenia
• For neutropenic fever/infection or Grade 4 neutropenia lasting longer than 1 week, discontinue administration of LARTRUVO until the absolute neutrophil count is 1,000 /microliter or greater and then permanently reduce the dose to 12 mg/kg.

2.4 Preparation and Administration
Preparation
• Inspect vial contents for particulate matter and discoloration prior to dilution [see Description (11)]. Discard the vial if particulate matter or discolorations are identified.
• Withdraw calculated dose and further dilute with 0.9% Sodium Chloride Injection, USP to a final volume of 250 mL for intravenous infusion. Do not use dextrose-containing or other solutions.
• Gently invert but do not shake.
• DO NOT FREEZE the diluted solution.
• Store the diluted solution for up to 24 hours under refrigeration at 2°C to 8°C (36°F to 46°F) and for up to an additional 4 hours at room temperature (below 25°C [77°F]). Storage times include the duration of infusion. If refrigerated, allow the diluted solution to come to room temperature prior to administration.
• Discard vial with any unused portion of LARTRUVO.

Administration
• Do not administer LARTRUVO as an intravenous push or bolus. Do not co-infuse with electrolytes or other medications through the same intravenous line.
• Visually inspect the diluted solution for particulate matter and discoloration prior to administration. If particulate matter or discolorations are identified, discard the solution.
• Administer diluted solution as an intravenous infusion over 60 minutes. Flush the line with 0.9% Sodium Chloride Injection, USP at end of infusion.

3 DOSAGE FORMS AND STRENGTHS
Injection: 500 mg/50 mL (10 mg/mL) clear to slightly opalescent, colorless to slightly yellow solution in a single-dose vial.
CONTRAINDICATIONS
None.

WARNINGS AND PRECAUTIONS

Infusion-Related Reactions
Infusion-related reactions (IRR) occurred in 70 (14%) of 485 patients who received at least one dose of LARTRUVO across clinical trials. For 68 of these 70 patients (97%), the first occurrence of IRR was in the first or second cycle. Grade ≥3 IRR occurred in 11 (2.3%) of 485 patients, with one (0.2%) fatality. Symptoms of IRR included flushing, shortness of breath, bronchospasm, or fever/chills, and in severe cases symptoms manifested as severe hypotension, anaphylactic shock, or cardiac arrest.

Infusion-related reactions required permanent discontinuation in 2.3% of patients and interruption of infusion in 10% of patients. All 59 patients with Grade 1 or 2 IRR resumed LARTRUVO; 12 (20%) of these patients had a Grade 1 or 2 IRR with rechallenge. The incidence of IRR in the overall safety database (N = 485) was similar (18% versus 12%) between those who did (56%) and those who did not (44%) receive premedication.

Monitor patients during and following LARTRUVO infusion for signs and symptoms of IRR in a setting with available resuscitation equipment. Immediately and permanently discontinue LARTRUVO for Grade 3 or 4 IRR [see Dosage and Administration (2.2, 2.3) and Adverse Reactions (6.1)].

Embryo-Fetal Toxicity
Based on animal data and its mechanism of action, LARTRUVO can cause fetal harm when administered to a pregnant woman. Animal knockout models link disruption of platelet-derived growth factor receptor alpha (PDGFR-α) signaling to adverse effects on embryo-fetal development. Administration of an anti-murine PDGFR-α antibody to pregnant mice during organogenesis caused malformations and skeletal variations. Advise pregnant women of the potential risk to a fetus. Advise females of reproductive potential to use effective contraception during treatment with LARTRUVO and for 3 months after the last dose [see Use in Specific Populations (8.1, 8.3)].

ADVERSE REACTIONS

The following adverse drug reactions are described elsewhere in the labeling:

- Infusion-Related Reactions [see Warnings and Precautions (5.1)].
reaction leading to dose reduction was Grade 3 or 4 neutropenia (20%). Dose delays of LARTRUVO for adverse reactions occurred in 52% (33/64) of patients; the most common adverse reactions resulting in dose delays were neutropenia (33%), thrombocytopenia (8%), and anemia (5%).

Table 1 summarizes adverse reactions that occurred in at least 10% of patients receiving LARTRUVO in the randomized portion of the study. The most common adverse reactions reported in at least 20% of patients receiving LARTRUVO plus doxorubicin were nausea, fatigue, musculoskeletal pain, mucositis, alopecia, vomiting, diarrhea, decreased appetite, abdominal pain, neuropathy, and headache.

**Table 1: Adverse Reactions Occurring in ≥10% (All Grades) of Patients in the LARTRUVO plus Doxorubicin Arm and at a Higher Incidence than in the Doxorubicin Arm (Between Arm Difference of ≥5% for All Grades or ≥2% for Grades 3 and 4) (Trial 1)**

<table>
<thead>
<tr>
<th>Adverse Reactions</th>
<th>LARTRUVO plus Doxorubicin N=64</th>
<th>Doxorubicin N=65</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>All Grades (%)</td>
<td>Grade 3-4 (%)</td>
</tr>
<tr>
<td>Gastrointestinal Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nausea</td>
<td>73</td>
<td>2</td>
</tr>
<tr>
<td>Mucositis</td>
<td>53</td>
<td>3</td>
</tr>
<tr>
<td>Vomiting</td>
<td>45</td>
<td>0</td>
</tr>
<tr>
<td>Diarrhea</td>
<td>34</td>
<td>3</td>
</tr>
<tr>
<td>Abdominal Pain&lt;sup&gt;a&lt;/sup&gt;</td>
<td>23</td>
<td>3</td>
</tr>
<tr>
<td>General Disorders and Administrative Site Conditions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatigue&lt;sup&gt;b&lt;/sup&gt;</td>
<td>69</td>
<td>9</td>
</tr>
<tr>
<td>Infusion-Related Reactions</td>
<td>13</td>
<td>3</td>
</tr>
<tr>
<td>Musculoskeletal and Connective Tissue Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Musculoskeletal Pain&lt;sup&gt;c&lt;/sup&gt;</td>
<td>64</td>
<td>8</td>
</tr>
<tr>
<td>Skin and Subcutaneous Tissue Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alopecia</td>
<td>52</td>
<td>0</td>
</tr>
<tr>
<td>Metabolic and Nutritional Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decreased Appetite</td>
<td>31</td>
<td>2</td>
</tr>
<tr>
<td>Nervous System Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neuropathy</td>
<td>22</td>
<td>0</td>
</tr>
<tr>
<td>Headache</td>
<td>20</td>
<td>0</td>
</tr>
<tr>
<td>Psychiatric Disorder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anxiety</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>Eye Disorder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dry Eyes</td>
<td>11</td>
<td>0</td>
</tr>
</tbody>
</table>

<sup>a</sup> Abdominal pain includes: abdominal pain, lower abdominal pain, and upper abdominal pain.

<sup>b</sup> Fatigue includes: asthenia and fatigue.

<sup>c</sup> Musculoskeletal pain includes: arthralgia, back pain, bone pain, flank pain, groin pain, musculoskeletal chest pain, musculoskeletal pain, myalgia, muscle spasms, neck pain, and pain in extremity.

In Trial 1, the most common laboratory abnormalities (≥20%) were lymphopenia, neutropenia, thrombocytopenia, hyperglycemia, elevated aPTT, hypokalemia, and hypophosphatemia as shown in Table 2.

**Table 2: Laboratory Abnormalities Worsening from Baseline in >10% (All Grades) of Patients in the LARTRUVO plus Doxorubicin Arm and Occurring at a Higher Incidence than in the Doxorubicin Arm (Between Arm Difference ≥5% for All Grades or ≥2% for Grades 3 and 4) (Trial 1)**

<table>
<thead>
<tr>
<th>Laboratory Abnormality</th>
<th>LARTRUVO plus Doxorubicin&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Doxorubicin&lt;sup&gt;b&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>All Grades (%)</td>
<td>Grades 3-4 (%)</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyperglycemia</td>
<td>52</td>
<td>2</td>
</tr>
<tr>
<td>Increased aPTT&lt;sup&gt;b&lt;/sup&gt;</td>
<td>33</td>
<td>5</td>
</tr>
<tr>
<td>Hypokalemia</td>
<td>21</td>
<td>8</td>
</tr>
<tr>
<td>Hypophosphatemia</td>
<td>21</td>
<td>5</td>
</tr>
<tr>
<td>Increased Alkaline Phosphatase</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Hypomagnesemia</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>Hematology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reference ID: 4001156
### Lymphopenia

<table>
<thead>
<tr>
<th></th>
<th>77</th>
<th>44</th>
<th>73</th>
<th>37</th>
</tr>
</thead>
</table>

### Neutropenia

<table>
<thead>
<tr>
<th></th>
<th>65</th>
<th>48</th>
<th>63</th>
<th>38</th>
</tr>
</thead>
</table>

### Thrombocytopenia

<table>
<thead>
<tr>
<th></th>
<th>63</th>
<th>6</th>
<th>44</th>
<th>11</th>
</tr>
</thead>
</table>

^a The incidence is based on the number of patients who had both baseline and at least one on-study laboratory measurement: LARTRUVO plus doxorubicin arm (range 60 to 63 patients) and doxorubicin arm (range 39 to 62 patients).

^b aPTT = activated partial thromboplastin time

## 6.2 Immunogenicity

As with all therapeutic proteins, there is the potential for immunogenicity. In clinical trials, 13/370 (3.5%) of evaluable LARTRUVO-treated patients tested positive for treatment-emergent anti-olaratumab antibodies by an enzyme-linked immunosorbent assay (ELISA). Neutralizing antibodies were detected in all patients who tested positive for treatment-emergent anti-olaratumab antibodies. The effects of anti-olaratumab antibodies on efficacy, safety, and exposure could not be assessed due to the limited number of patients with treatment-emergent anti-olaratumab antibodies.

The detection of antibody formation is highly dependent on the sensitivity and specificity of the assay. Additionally, the observed incidence of antibody (including neutralizing antibody) positivity in an assay may be influenced by several factors including assay methodology, sample handling, timing of sample collection, concomitant medications, and underlying disease. For these reasons, comparison of incidence of antibodies to LARTRUVO with the incidences of antibodies to other products may be misleading.

## 8 USE IN SPECIFIC POPULATIONS

### 8.1 Pregnancy

**Risk Summary**

Based on animal data and its mechanism of action, LARTRUVO can cause fetal harm [see Clinical Pharmacology (12.1)]. There are no available data on LARTRUVO use in pregnant women. No animal studies using olaratumab have been conducted to evaluate its effect on female reproduction and embryo-fetal development. Animal knockout models link disruption of platelet-derived growth factor receptor alpha (PDGFR-α) signaling to adverse effects on embryo-fetal development. Administration of an anti-murine PDGFR-α antibody to pregnant mice during organogenesis at exposures less than the exposure at the maximum recommended human dose caused malformations and skeletal variations [see Data].

In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2-4% and 15-20%, respectively.

**Data**

**Animal Data**

No animal studies have been conducted using olaratumab to evaluate the effect of blocking PDGFR-α signaling on reproduction and embryo-fetal development. In PDGFR-α knockout mice, disruption of PDGFR-α signaling resulted in embryo-fetal lethality and teratogenicity, including cleft face and spina bifida. Intravenous administration of an anti-murine PDGFR-α antibody once every 3 days to pregnant mice during organogenesis at 50 and 150 mg/kg resulted in increased malformations (abnormal eyelid development) and skeletal variations (additional ossification sites in the frontal/parietal skull). Increased post-implantation loss occurred at a dose of 5 mg/kg. The effects on fetal development in mice administered this antibody occurred at exposures less than the AUC exposure at the maximum recommended human dose of 15 mg/kg LARTRUVO.

### 8.2 Lactation

**Risk Summary**

There are no data on the presence of olaratumab in human milk, or its effects on the breastfed infant or on milk production. Because of the potential risk for serious adverse reactions in breastfeeding infants from olaratumab, advise women not to breastfeed during treatment with LARTRUVO and for 3 months following the last dose.

### 8.3 Females and Males of Reproductive Potential

**Contraception**

**Females**

Based on its mechanism of action, LARTRUVO can cause fetal harm when administered to a pregnant woman [see Use in Specific Populations (8.1)]. Advise females of reproductive potential to use effective contraception during treatment with LARTRUVO and for 3 months after the last dose.

**Infertility**

Reference ID: 4001156
Based on animal models, LARTRUVO may impair male fertility [see Nonclinical Toxicology (13.1)].

8.4 Pediatric Use
The safety and effectiveness of LARTRUVO in pediatric patients have not been established.

8.5 Geriatric Use
Clinical studies of LARTRUVO did not include sufficient numbers of patients aged 65 years and older to determine whether they respond differently from younger patients.

11 DESCRIPTION
Olaratumab is a recombinant human IgG1 monoclonal blocking antibody that binds specifically to human platelet-derived growth factor receptor alpha (PDGFR-α). LARTRUVO has an approximate molecular weight of 154 kDa. LARTRUVO is produced in genetically engineered mammalian NS0 cells.

LARTRUVO is a sterile, preservative-free, clear to slightly opalescent, and colorless to slightly yellow solution. LARTRUVO injection is supplied in single-dose vials for intravenous use following dilution. Each vial contains 500 mg LARTRUVO in 50 mL (10 mg/mL). Each mL contains 10 mg olaratumab, glycine (7.5 mg), L-histidine (0.3 mg), L-histidine monohydrochloride (1.7 mg), mannitol (13.7 mg), polysorbate 20 (0.2 mg), sodium chloride (2.9 mg), and water for injection, USP, pH 5.2 to 5.8.

12 CLINICAL PHARMACOLOGY
12.1 Mechanism of Action
Olaratumab is a human IgG1 antibody that binds platelet-derived growth factor receptor alpha (PDGFR-α). PDGFR-α is a receptor tyrosine kinase expressed on cells of mesenchymal origin. Signaling through this receptor plays a role in cell growth, chemotaxis, and mesenchymal stem cell differentiation. The receptor has also been detected on some tumor and stromal cells, including sarcomas, where signaling can contribute to cancer cell proliferation, metastasis, and maintenance of the tumor microenvironment. The interaction between olaratumab and PDGFR-α prevents binding of the receptor by the PDGF-AA and -BB ligands as well as PDGF-AA, -BB, and -CC-induced receptor activation and downstream PDGFR-α pathway signaling. Olaratumab exhibits in vitro and in vivo anti-tumor activity against selected sarcoma cell lines and disrupted the PDGFR-α signaling pathway in in vivo tumor implant models.

12.2 Pharmacodynamics
Olaratumab exposure-response relationships and the time course of the pharmacodynamics response are unknown.

12.3 Pharmacokinetics
Distribution
The volume of distribution (CV%) at steady-state (Vss) is 7.7 L (16%).

Elimination
The mean clearance (CV%) for olaratumab was 0.56 L/day (33%). The estimated elimination half-life was approximately 11 days (range 6 to 24 days).

Specific Populations
Age (22 to 85 years), sex (47% females), race (86% Whites), mild to moderate renal impairment [calculated creatinine clearance (CLcr) 30-89 mL/min as estimated by the Cockcroft-Gault formula (C-G)], and mild [total bilirubin within upper limit of normal (ULN) and AST greater than ULN or total bilirubin greater than 1.0 and up to 1.5 times ULN and any AST] to moderate (total bilirubin greater than 1.5 and up to 3.0 times ULN and any AST) hepatic impairment had no clinically important effect on the pharmacokinetics of olaratumab. The pharmacokinetics of olaratumab in patients with severe renal impairment (CLcr 15-29 mL/min as estimated by C-G) or with severe hepatic impairment (total bilirubin greater than 3.0 times ULN and any AST) are unknown. Body weight (range 37 to 151 kg) correlates with clearance and volume of distribution of olaratumab.

Drug Interaction Studies
No clinically relevant changes in the exposure of either olaratumab or doxorubicin were observed when LARTRUVO 15 mg/kg and doxorubicin 75 mg/m² were co-administered in patients with solid tumors.

13 NONCLINICAL TOXICOLOGY

Reference ID: 4001156
13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

No studies have been performed to assess the potential of olaratumab for carcinogenicity or genotoxicity. Fertility studies have not been performed with olaratumab; however, in animal knockout models, loss of PDGFR-α pathway signaling resulted in progressive reduction in testicular size, Leydig cell loss, and spermatogenic arrest.

14 CLINICAL STUDIES

The efficacy of LARTRUVO was demonstrated in Trial 1, an open-label, randomized, active-controlled study. Eligible patients were required to have soft tissue sarcoma not amenable to curative treatment with surgery or radiotherapy, a histologic type of sarcoma for which an anthracycline-containing regimen was appropriate but had not been administered, ECOG PS of 0-2, and tumor specimen available for assessment of PDGFR-α expression by an investigational use assay. Patients were randomized (1:1) to receive LARTRUVO in combination with doxorubicin or doxorubicin as a single agent. PDGFR-α expression (positive versus negative), number of previous lines of treatment (0 versus 1 or more), histological tumor type (leiomyosarcoma versus synovial sarcoma versus all others), and ECOG PS (0 or 1 versus 2) were used to allocate patients in the randomization. LARTRUVO was administered at 15 mg/kg as an intravenous infusion on Days 1 and 8 of each 21-day cycle until disease progression or unacceptable toxicity. All patients received doxorubicin 75 mg/m² as an intravenous infusion on Day 1 of each 21-day cycle for a maximum of eight cycles and were permitted to receive dexrazoxane prior to doxorubicin in Cycles 5 to 8. Patients randomized to receive doxorubicin as a single agent were offered LARTRUVO at the time of disease progression. The efficacy outcome measures were overall survival (OS), and progression-free survival (PFS) and objective response rate (ORR) as assessed by investigator and by independent review according to RECIST v1.1.

A total of 133 patients were randomized, 66 patients to the LARTRUVO plus doxorubicin arm and 67 patients to the doxorubicin arm. Baseline demographics and disease characteristics were: median age of 58 years (range 22 to 86); 44% men; 86% White, 8% Black, 3% Asian, and 2% Other; 56% ECOG PS 0 and 39% ECOG PS 1; 65% no prior chemotherapy (excluding adjuvant and neoadjuvant therapy); 38% leiomyosarcoma, 1.5% synovial sarcoma, and 61% other histologies [17% liposarcoma (8% dedifferentiated, 4% myxoid, 3% well-differentiated, 1.5% pleomorphic, 1% liposarcoma not otherwise specified (NOS)), 11% undifferentiated pleomorphic sarcoma, 5% angiosarcoma, 5% undifferentiated sarcoma NOS, 3% extraskeletal myxoid chondrosarcoma, 2% malignant peripheral nerve sheath tumor, 2% myxofibrosarcoma, 2% malignant solitary fibrous tumor, 2% endometrial stromal sarcoma, 1.5% chondrosarcoma, 1.5% epithelioid sarcoma, 1.5% fibrosarcoma, 1.5% low-grade fibromyxoid sarcoma, and 5% other histologies with one patient each]. All patients had metastatic disease and were enrolled at U.S. sites. Among patients randomized to doxorubicin, 30 (45%) patients received LARTRUVO as a single agent at the time of disease progression. Trial 1 demonstrated a significant improvement in overall survival. The efficacy results are summarized in Table 3 and Figure 1.

<table>
<thead>
<tr>
<th></th>
<th>LARTRUVO + Doxorubicin N=66</th>
<th>Doxorubicin N=67</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Survival</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of deaths (%)</td>
<td>39 (59%)</td>
<td>52 (78%)</td>
</tr>
<tr>
<td>Median, months (95% CI)</td>
<td>26.5 (20.9, 31.7)</td>
<td>14.7 (9.2, 17.1)</td>
</tr>
<tr>
<td>Hazard Ratio (95% CI)</td>
<td></td>
<td>0.52 (0.34, 0.79)</td>
</tr>
<tr>
<td>p-value</td>
<td></td>
<td>p&lt;0.05</td>
</tr>
<tr>
<td>Progression-Free Survival</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of events (%)</td>
<td>37 (56%)</td>
<td>34 (51%)</td>
</tr>
<tr>
<td>Median, months (95% CI)</td>
<td>8.2 (5.5, 9.8)</td>
<td>4.4 (3.1, 7.4)</td>
</tr>
<tr>
<td>Hazard Ratio (95% CI)</td>
<td></td>
<td>0.74 (0.46, 1.19)</td>
</tr>
<tr>
<td>Objective Response Rate (CR + PR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(95% CI)</td>
<td>18.2% (9.8, 29.6)</td>
<td>7.5% (2.5, 16.6)</td>
</tr>
<tr>
<td>CR, n (%)</td>
<td>3 (4.5%)</td>
<td>1 (1.5%)</td>
</tr>
<tr>
<td>PR, n (%)</td>
<td>9 (13.6%)</td>
<td>4 (6%)</td>
</tr>
</tbody>
</table>

Abbreviations: CI = confidence interval, CR = complete response, PR = partial response

a Unstratified Cox model.
b Based on independent review.
16 HOW SUPPLIED/STORAGE AND HANDLING
LARTRUVO is supplied in single-dose vials as a sterile, preservative-free, clear to slightly opalescent and colorless to slightly yellow solution.

- NDC 0002-8926-01
  500 mg/50 mL (10 mg/mL) single-dose vial, individually packaged in a carton

Store vials in a refrigerator at 2°C to 8°C (36°F to 46°F) until time of use. Keep the vial in the outer carton to protect from light. DO NOT FREEZE OR SHAKE the vial.

17 PATIENT COUNSELING INFORMATION

Infusion-Related Reactions
Advise patients to report signs and symptoms of infusion reactions [see Dosage and Administration (2.2) and Warnings and Precautions (5.1)].

Embryo-Fetal Toxicity
Advise pregnant women of the potential risk to the fetus. Advise females of reproductive potential of the potential risk to the fetus, to use effective contraception during treatment with LARTRUVO and for 3 months after the last dose, and to inform their healthcare provider of a known or suspected pregnancy [see Use in Specific Populations (8.1, 8.3)].

Lactation
Advise patients not to breastfeed during treatment with LARTRUVO and for 3 months after the last dose [see Use in Specific Populations (8.2)].