

## Product Information

### Compound Name

Ibuprofen EP Impurity A-d3

### Synonyms

2-(3-isobutylphenyl)propanoic-3,3,3-d3 acid

### Chemical Formula

C<sub>13</sub>H<sub>15</sub>D<sub>3</sub>O<sub>2</sub>

### Molecular Weight

209.30

### Catalogue Number

I0001.106

### Lot No.

AMI-062-23

### Long-Term Storage Conditions

2-8°C

### Shipping Conditions

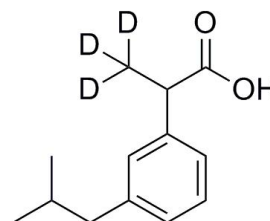
Ambient

### Appearance

Colorless Oil

**Test Date:** Feb. 21, 2022

**Re-test Date:** Feb. 20, 2025



**CAS No. :** 1346598-90-0

## Analytical Information

### Solubility

CD<sub>3</sub>CN

### Weight Loss by TGA

0.18%

### Method for Determining Identity

MS, <sup>1</sup>H NMR (DMSO-d<sub>6</sub>), <sup>13</sup>C NMR (DMSO-d<sub>6</sub>), IR, TGA

### Purity (HPLC)

96.07%

### Potency (TGA)

95.89%

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