

## 1. Identification

Catalogue Number

K200802

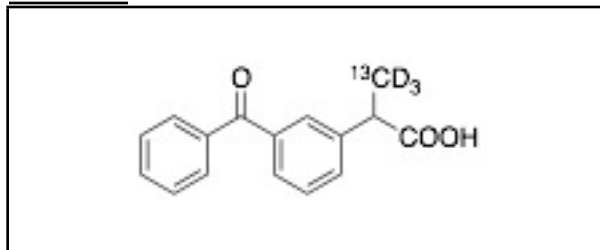
Lot Number

4-RUS-38-3

Product Name

rac Ketoprofen-13C,d3

Structure



Synonyms

3-Benzoyl- $\alpha$ -methyl-13C,d3-benzeneacetic Acid; m-Benzoylhydratropic Acid-13C,d3;

CAS Number

1189508-77-7

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>15</sub><sup>13</sup>CH<sub>11</sub>D<sub>3</sub>O<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

258.29

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.85% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.8% (d<sub>0</sub> = 0.03%)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

Reviewed by

Henry Tieu  
Product Quality Specialist

Reviewed by

Toni Rantanen  
Manager, Quality Assurance

C of A Approved by

Chanell Chu  
Jr. Quality Assurance

Test Date

7/6/2021

Retest Date

7/4/2031