

# Ibuprofen( ) (COX )

Catalog No.: RPM0027

## Sequence Information

**Species** **Gene ID** **Swiss Prot**  
15687-27-1

### Tags

### Synonyms

Brufen; (±)-Ibuprofe; Motrin; Advil;

## Product Information

**Source** **Purification**  
C<sub>13</sub>H<sub>18</sub>O<sub>2</sub> > 98%

**Calculated MW** **Observed MW**  
206.28

### Endotoxin

COX-1:13 μM, COX-2:370 μM

### Formulation

DMSO: 55 mg/mL (266.63 mM) Ethanol:  
39 mg/mL (189.1 mM)

### Reconstitution

## Background

COX-1

## Basic Information

### Description

Ibuprofen( ) (COX ) (NSAID) COX-1 COX-2  
C<sub>50</sub> 13 370 μM

### Bio-Activity

### Storage

Store at -20°C. This product is stable at -20°C up to 3 years from the date of receipt .  
After reconstitution, the solution is stable at -20°C for 6 months, at -80°C for up to 1  
year.  
Avoid repeated freeze/thaw cycles.

## Contact

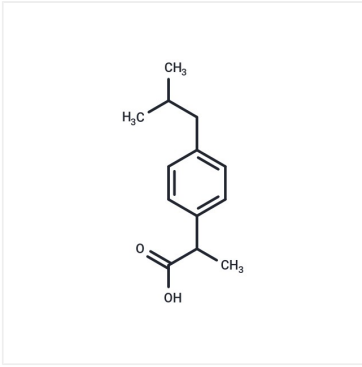
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## Validation Data

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Chemical structure of Ibuprofen (Cocyclooxygenase inhibitor), CAS No.15687-27-1