


Product datasheet

Ibuprofen, NSAID ab141553

1 Image

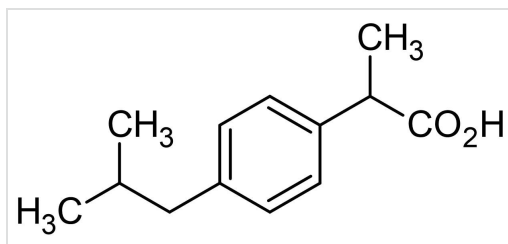
Overview

Product name	Ibuprofen, NSAID
Description	A nonsteroidal anti-inflammatory drug (NSAID). COX inhibitor.
Biological description	A nonsteroidal anti-inflammatory drug (NSAID). Non-selective inhibitor of COX-1 and COX-2 (IC ₅₀ values are 12 and 80 μM respectively). Inhibits thromboxane B2 release (IC ₅₀ = 1.27 μM) and anandamide metabolism (IC ₅₀ = 400 μM).
Purity	> 99%
CAS Number	15687-27-1
Chemical structure	

Properties

Chemical name	2-[4-(2-Methylpropyl)phenyl]propanoic acid
Molecular weight	206.30
Molecular formula	C ₁₃ H ₁₈ O ₂
PubChem identifier	3672
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC(C)CC1=CC=C(C=C1)C(C)C(=O)O</chem>
Source	Synthetic

Images



Chemical Structure - Ibuprofen, NSAID (ab141553)

2D chemical structure image of ab141553, Ibuprofen, NSAID

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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