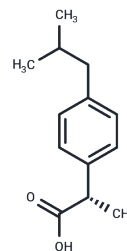


(S)-(+)-Ibuprofen

Chemical Properties

CAS No. :	51146-56-6
Formula:	C ₁₃ H ₁₈ O ₂
Molecular Weight:	206.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(S)-(+)-Ibuprofen (Dexibuprofen) , is a non-steroidal anti-inflammatory drug (NSAID), inhibiting cyclooxygenase (COX).
Targets(IC50)	Bcl-2 Family,COX,Cysteine Protease,PPAR,Thrombin

Solubility Information

Solubility	DMSO: 25 mg/mL (121.19 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8478 mL	24.2389 mL	48.4778 mL
5 mM	0.9696 mL	4.8478 mL	9.6956 mL
10 mM	0.4848 mL	2.4239 mL	4.8478 mL
50 mM	0.097 mL	0.4848 mL	0.9696 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Sanchez-Fidalgo S, et al. Eur J Pharmacol. 2004 Nov 28; 505(1-3):187-94.

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