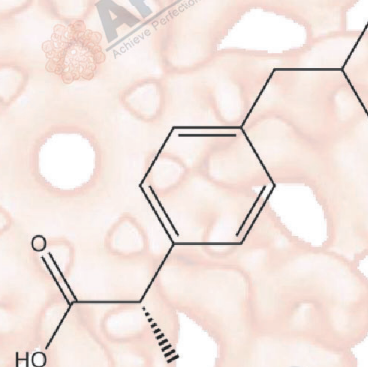


Product Data Sheet

(S)-(+)-Ibuprofen

Cat. No.: B1018
CAS No.: 51146-56-6
Formula: C₁₃H₁₈O₂
M.Wt: 206.28
Synonyms:
Target: Neuroscience
Pathway: COX
Storage: Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥124.8 mg/mL in EtOH; ≥9.35 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		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

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary

COX inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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