

Product Data Sheet

Diclofenac Sodium

Cat. No.:	B1457
CAS No.:	15307-79-6
Formula:	C ₁₄ H ₁₀ Cl ₂ NNaO ₂
M.Wt:	318.13
Synonyms:	
Target:	Neuroscience
Pathway:	COX
Storage:	Store at -20°C



Solvent & Solubility

≥15.91 mg/mL in DMSO; ≥26.1 mg/mL in H₂O with ultrasonic; ≥48.6 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.1434 mL	15.7168 mL	31.4337 mL
	5 mM	0.6287 mL	3.1434 mL	6.2867 mL
	10 mM	0.3143 mL	1.5717 mL	3.1434 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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