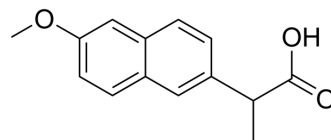


(±)-Naproxen

Cat. No.:	HY-15029		
CAS No.:	23981-80-8		
Molecular Formula:	C ₁₄ H ₁₄ O ₃		
Molecular Weight:	230.26		
Target:	COX		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (434.29 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.3429 mL	21.7146 mL	43.4292 mL
		5 mM	0.8686 mL	4.3429 mL	8.6858 mL
10 mM		0.4343 mL	2.1715 mL	4.3429 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.86 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.86 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	(±)-Naproxen ((Rac)-Naproxen) is a racemate of Naproxen (HY-15030). Naproxen is a COX-1 and COX-2 inhibitor with IC ₅₀ s of 8.72 and 5.15 μM, respectively.
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Caution: Product has not been fully validated for medical applications. For research use only.

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