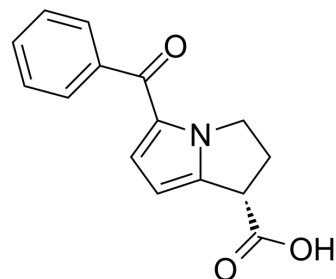


## (S)-Ketorolac

Cat. No.:	HY-B0580A		
CAS No.:	66635-92-5		
Molecular Formula:	C <sub>15</sub> H <sub>13</sub> NO <sub>3</sub>		
Molecular Weight:	255.27		
Target:	COX		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 200 mg/mL (783.48 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.9174 mL	19.5871 mL	39.1742 mL
5 mM	0.7835 mL	3.9174 mL	7.8348 mL
10 mM	0.3917 mL	1.9587 mL	3.9174 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

(S)-Ketorolac is a nonsteroidal anti-inflammatory agent. (S)-ketorolac exhibits potent COX1 and COX2 enzyme inhibition<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

COX1, COX2<sup>[1]</sup>

### REFERENCES

[1]. Handley DA, et al. Preclinical enantioselective pharmacology of (R)- and (S)-ketorolac. J Clin Pharmacol. 1998 Feb;38(2S):25S-35S.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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