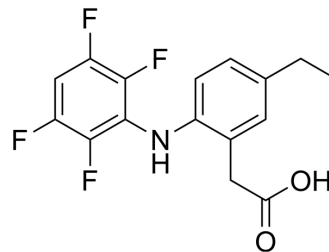


Robenacoxib

Cat. No.:	HY-118078
CAS No.:	220991-32-2
Molecular Formula:	C ₁₆ H ₁₃ F ₄ NO ₂
Molecular Weight:	327.27
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (381.95 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.0556 mL	15.2779 mL	30.5558 mL
	5 mM	0.6111 mL	3.0556 mL	6.1112 mL
	10 mM	0.3056 mL	1.5278 mL	3.0556 mL

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

BIOLOGICAL ACTIVITY

Description

Robenacoxib is a nonsteroidal anti-inflammatory and analgesic agent. Robenacoxib is a selective COX-2 inhibitor^{[1][2]}.

REFERENCES

- [1]. Kongara K, et al. Robenacoxib in the treatment of pain in cats and dogs: safety, efficacy, and place in therapy. *Vet Med (Auckl)*. 2018 Aug 15;9:53-61.
- [2]. Schmid VB, et al. Analgesic and anti-inflammatory actions of robenacoxib in acute joint inflammation in dog. *J Vet Pharmacol Ther*. 2010 Apr;33(2):118-31.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA