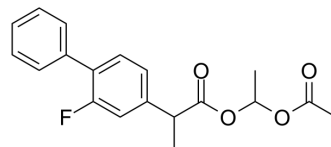


Flurbiprofen axetil

Cat. No.:	HY-101481
CAS No.:	91503-79-6
Molecular Formula:	C ₁₉ H ₁₉ FO ₄
Molecular Weight:	330.35
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (756.77 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.0271 mL	15.1355 mL	30.2709 mL
5 mM	0.6054 mL	3.0271 mL	6.0542 mL
10 mM	0.3027 mL	1.5135 mL	3.0271 mL

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

BIOLOGICAL ACTIVITY

Description	Flurbiprofen axetil is a non-selective cyclooxygenase (COX) inhibitor. Flurbiprofen axetil has anti-inflammatory effect ^[1] .
IC ₅₀ & Target	COX

REFERENCES

[1]. Yajun Xu, et al. Intravenous Flurbiprofen Axetil Accelerates Restoration of Bowel Function After Colorectal Surgery. Can J Anaesth. 2008 Jul;55(7):414-22.

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

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