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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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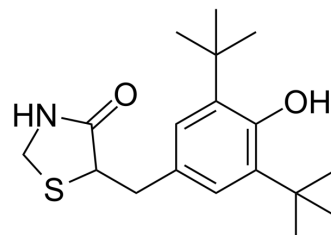
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Tazofelone

Cat. No.:	HY-137789		
CAS No.:	107902-67-0		
Molecular Formula:	C ₁₈ H ₂₇ NO ₂ S		
Molecular Weight:	321.48		
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 (311.06 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	3.1106 mL	15.5531 mL	31.1061 mL
		5 mM	0.6221 mL	3.1106 mL	6.2212 mL
		10 mM	0.3111 mL	1.5553 mL	3.1106 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.78 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.78 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Tazofelone (LY 213829) is a cyclooxygenase-II (COX-II) inhibitor. Tazofelone transform into sulfoxide and quinol metabolites is primarily mediated by CYP3A. Tazofelone can be used for the research of inflammatory bowel disease ^{[1][2]} .
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REFERENCES

- [1]. Leopold Franz Goetze, et al. Cox- ii inhibitors for improving reproductive success in a female animal. Patent: WO2007129169 A2.
- [2]. Surapaneni SS, et al. In vitro biotransformation and identification of human cytochrome P450 isozyme-dependent metabolism of tazofelone. Drug Metab Dispos. 1997

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

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