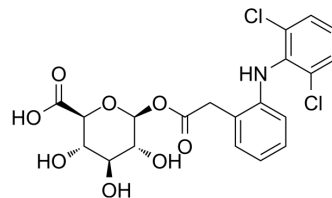


Diclofenac acyl glucuronide

Cat. No.:	HY-126848	
CAS No.:	64118-81-6	
Molecular Formula:	C ₂₀ H ₁₉ Cl ₂ NO ₈	
Molecular Weight:	472.27	
Target:	Endogenous Metabolite; Drug Metabolite	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

PBS : 1 mg/mL (2.12 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1174 mL	10.5872 mL	21.1743 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Diclofenac acyl glucuronide (D-1-O-G) is a major bile metabolite directly involved in small intestinal ulceration in rats^[1].

REFERENCES

[1]. Seitz S, et al. Diclofenac acyl glucuronide, a major biliary metabolite, is directly involved in small intestinal injury in rats. *Gastroenterology*. 1998 Dec;115(6):1476-82.

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

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