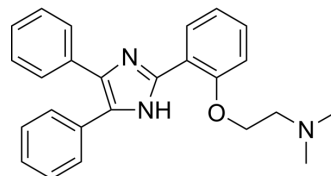


Trifenagrel

Cat. No.:	HY-105872
CAS No.:	84203-09-8
Molecular Formula:	C ₂₅ H ₂₅ N ₃ O
Molecular Weight:	383.49
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 36 mg/mL (93.87 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6076 mL	13.0381 mL	26.0763 mL
	5 mM	0.5215 mL	2.6076 mL	5.2153 mL
	10 mM	0.2608 mL	1.3038 mL	2.6076 mL

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

BIOLOGICAL ACTIVITY

Description

Trifenagrel is a platelet aggregation inhibitor that inhibits the inducing effects of arachidonic acid (AA) and collagen. The ED₅₀s of trifrenagrel for inhibiting AA- and collagen-induced platelet aggregation in guinea pigs were 1.4 mg/kg and 9.4 mg/kg, respectively^[1].

REFERENCES

[1]. Abrahams SL, et al. Trifenagrel: a chemically novel platelet aggregation inhibitor. J Pharmacol Exp Ther. 1989 May;249(2):359-65.

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

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