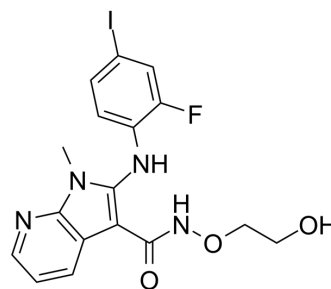


Nedometinib

Cat. No.:	HY-156625
CAS No.:	2252314-46-6
Molecular Formula:	C ₁₇ H ₁₆ FIN ₄ O ₃
Molecular Weight:	470.24
Target:	MEK
Pathway:	MAPK/ERK Pathway
Storage:	4°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 : 100 mg/mL (212.66 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1266 mL	10.6329 mL	21.2657 mL
	5 mM	0.4253 mL	2.1266 mL	4.2531 mL
	10 mM	0.2127 mL	1.0633 mL	2.1266 mL

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

BIOLOGICAL ACTIVITY

Description

Nedometinib is a tyrosine kinase inhibitor targeting to MEK1. Nedometinib has antineoplastic effect and can be used for research in dermatosis, cutaneous fibroneuroma, neurofibromatosis^[1].

IC₅₀ & Target

MEK1^[1]

REFERENCES

[1]. Kincaid, et al. Preparation of pyrrolopyridine-aniline compounds for treatment of dermal disorders. World Intellectual Property Organization, WO2018213810 A1. 2018-11-22.

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

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