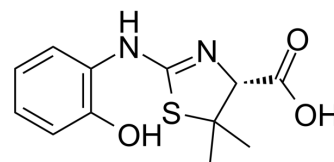


Ebaresdax

Cat. No.:	HY-139569		
CAS No.:	1334471-39-4		
Molecular Formula:	C ₁₂ H ₁₄ N ₂ O ₃ S		
Molecular Weight:	266.32		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 : 50 mg/mL (187.74 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7549 mL	18.7744 mL	37.5488 mL
	5 mM	0.7510 mL	3.7549 mL	7.5098 mL
	10 mM	0.3755 mL	1.8774 mL	3.7549 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (9.39 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (9.39 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (9.39 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Ebaresdax (ACP-044) can inhibit peroxynitrite oxidation derived by SIN-1 and peroxynitrite mediated Cytotoxicity with IC₅₀s of 3.7±0.80 and 0.13±0.02 uM, respectively^[1].

REFERENCES

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

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