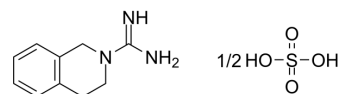


Debrisoquin hemisulfate

Cat. No.:	HY-B1624A		
CAS No.:	581-88-4		
Molecular Formula:	C ₁₀ H ₁₃ N ₃ ·1/2H ₂ O ₄ S		
Molecular Weight:	224.27		
Target:	Endogenous 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

H₂O : 10.42 mg/mL (46.46 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.4589 mL	22.2946 mL	44.5891 mL
5 mM	0.8918 mL	4.4589 mL	8.9178 mL
10 mM	0.4459 mL	2.2295 mL	4.4589 mL

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

BIOLOGICAL ACTIVITY

Description

Debrisoquin (Isocaramidine) hemisulfate is a TMPRSS2 inhibitors that inhibits SARS-CoV-2 entry into human lung cell line by a TMPRSS2-dependent manner, with an IC₅₀ of 22μM. Debrisoquin hemisulfate can be used for antiviral research^[1].

IC₅₀ & Target

Human Endogenous Metabolite

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

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