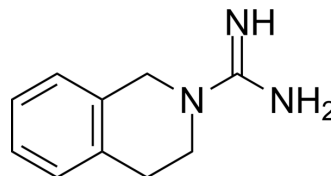


Debrisoquin

Cat. No.:	HY-B1624
CAS No.:	1131-64-2
Molecular Formula:	C ₁₀ H ₁₃ N ₃
Molecular Weight:	175.23
Target:	SARS-CoV; Ser/Thr Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Debrisoquin (Isocaramidine) is a TMPRSS2 inhibitors that inhibits SARS-CoV-2 entry into human lung cell line by a TMPRSS2-dependent manner, with an IC ₅₀ of 22μM. Debrisoquin can be used for antiviral research ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Amanda L. Peiffer, et.al. TMPRSS2 Inhibitor Discovery Facilitated through an In Silico and Biochemical Screening Platform. ACS Medicinal Chemistry Letters 2023 14 (6), 860-866.

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

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