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Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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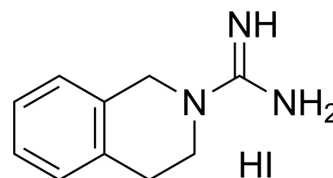
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Debrisoquin hydroiodide

Cat. No.: HY-W195509
CAS No.: 1052540-65-4
Molecular Formula: C₁₀H₁₄IN₃
Molecular Weight: 303.14
Target: SARS-CoV; Ser/Thr Protease
Pathway: Anti-infection; Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 175 mg/mL (577.29 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.2988 mL	16.4940 mL	32.9881 mL
	5 mM		0.6598 mL	3.2988 mL	6.5976 mL
	10 mM		0.3299 mL	1.6494 mL	3.2988 mL

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

BIOLOGICAL ACTIVITY

Description

Debrisoquin (hydroiodide) is the hydrochloride form of Debrisoquin (HY-B1624). Debrisoquin is a TMPRSS2 inhibitors that inhibits SARS-CoV-2 entry into human lung cell line by a TMPRSS2-depended manner. Debrisoquin can be used for antiviral research^[1].

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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