



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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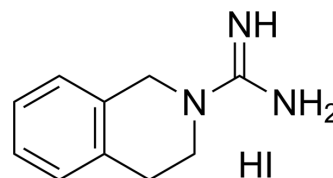
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## Debrisoquin hydroiodide

Cat. No.:	HY-W195509
CAS No.:	1052540-65-4
Molecular Formula:	C <sub>10</sub> H <sub>14</sub> IN <sub>3</sub>
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)

Concentration	Solvent	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-dependent manner. Debrisoquin can be used for antiviral research<sup>[1]</sup>.

### 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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