



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

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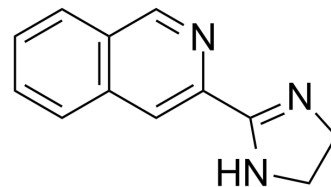
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BU226 hydrochloride

Cat. No.:	HY-101380A
CAS No.:	1186195-56-1
Molecular Formula:	C ₁₂ H ₁₂ ClN ₃
Molecular Weight:	233.7
Target:	Imidazoline Receptor
Pathway:	Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



HCl

SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (106.97 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.2790 mL	21.3950 mL	42.7899 mL
5 mM	0.8558 mL	4.2790 mL	8.5580 mL
10 mM	0.4279 mL	2.1395 mL	4.2790 mL

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

BIOLOGICAL ACTIVITY

Description

BU226 hydrochloride is a selective imidazoline 2 (I₂) receptors ligand with an K_i of 1.4 nM for I₂ and an IC₅₀ of 534.5 nM for I₁. BU226 hydrochloride can be used for researching antidepressant^[1].

IC₅₀ & Target

K_i: 1.4 nM (I₂)^[1]
IC₅₀: 534.5 nM (I₁)^[1]

REFERENCES

[1]. Hudson AL, et al. Novel selective compounds for the investigation of imidazoline receptors. Ann N Y Acad Sci. 1999 Jun 21;881:81-91.

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

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