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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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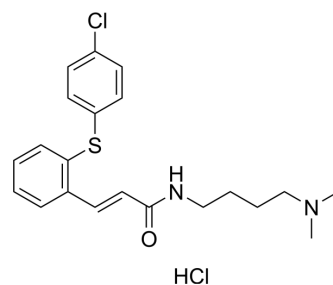
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A-350619 hydrochloride

Cat. No.:	HY-107548
CAS No.:	1217201-17-6
Molecular Formula:	C ₂₁ H ₂₆ Cl ₂ N ₂ OS
Molecular Weight:	425.41
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (293.83 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3507 mL	11.7534 mL	23.5067 mL
	5 mM	0.4701 mL	2.3507 mL	4.7013 mL
	10 mM	0.2351 mL	1.1753 mL	2.3507 mL

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

BIOLOGICAL ACTIVITY

Description

A-350619 hydrochloride is a soluble guanylate cyclase (sGC) activator. A-350619 hydrochloride can be used in the study of erectile dysfunction^{[1][2]}.

IC₅₀ & Target

sGC^{[1][2]}.

REFERENCES

[1]. Kotzki S, et al. Anodal iontophoresis of a soluble guanylate cyclase stimulator induces a sustained increase in skin blood flow in rats. *J Pharmacol Exp Ther.* 2013 Sep;346(3):424-31.

[2]. Miller LN, et al. A-350619: a novel activator of soluble guanylyl cyclase. *Life Sci.* 2003 Jan 17;72(9):1015-25.

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

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