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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

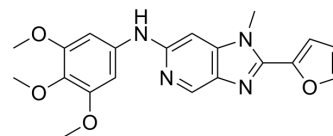
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GRK5-IN-2

Cat. No.:	HY-136561
CAS No.:	1642839-27-7
Molecular Formula:	C ₂₀ H ₂₀ N ₄ O ₄
Molecular Weight:	380.4
Target:	G Protein-coupled Receptor Kinase (GRK)
Pathway:	GPCR/G Protein
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (164.30 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.6288 mL	13.1441 mL	26.2881 mL
		5 mM		0.5258 mL	2.6288 mL	5.2576 mL
		10 mM		0.2629 mL	1.3144 mL	2.6288 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.47 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	GRK5-IN-2 (compound 707), a pyridine-based bicyclic compound, is a potent G-protein-coupled receptor kinase 5 (GRK5) inhibitor. GRK5-IN-2 regulates the expression and/or release of insulin and is useful for the metabolic disease research ^[1] .
IC ₅₀ & Target	GRK5 ^[1]

REFERENCES

[1]. Axel Ullrich (Prof. Dr.), et al. Imidazo[4,5-c]pyridine and pyrrolo[3,2-c]pyridine compounds as G-protein-coupled receptor kinase 5 (GRK5) modulators. EP2818472A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA