



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

Quellenstraße 110, A-1100 Wien

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

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

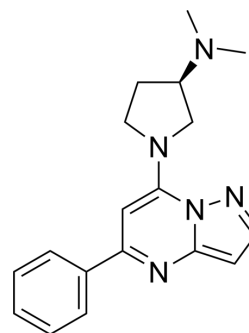
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

(R)-ZINC-3573

Cat. No.:	HY-118069
CAS No.:	2089389-15-9
Molecular Formula:	C ₁₈ H ₂₁ N ₅
Molecular Weight:	307.39
Target:	Mas-related G-protein-coupled Receptor (MRGPR)
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 : 50 mg/mL (162.66 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.2532 mL	16.2660 mL	32.5320 mL
		5 mM		0.6506 mL	3.2532 mL	6.5064 mL
	10 mM		0.3253 mL	1.6266 mL	3.2532 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 2.5 mg/mL (8.13 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	(R)-ZINC-3573 is a selective Mas-related G protein-coupled receptor X2 (MRGPRX2) agonist with an EC ₅₀ value of 740 nM. (R)-ZINC-3573 can be used as a MRGPRX2 probe for the research of pain and itch ^[1] .
In Vitro	(R)-ZINC-3573 (0.001 nM-100 μM) promotes β-hexosaminidase degranulation and induces intracellular calcium release in LAD2 mast cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lansu K, et al. In silico design of novel probes for the atypical opioid receptor MRGPRX2. Nat Chem Biol. 2017 May;13(5):529-536.

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