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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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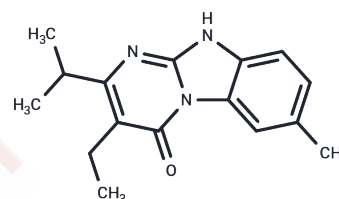
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MrgprX2 antagonist-4

Chemical Properties

CAS No. :	2641398-04-9
Formula:	C ₁₆ H ₁₉ N ₃ O
Molecular Weight:	269.348
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	MrgprX2 antagonist-4 and compound B-51 E117, is a potent MrgprX2 antagonist. It specifically targets and inhibits the MrgprX2 receptor, making it suitable for investigating various inflammatory skin disorders.
In vitro	MRGPRX2, a member of the Mas-related gene family, was found to be expressed in sensory neurons, mast cells and, most recently, in keratinocytes. MRGPRX2 mRNA is present in adipose tissue, esophagus, urinary bladder, lungs with the highest levels found in skin. Activation of MRGPRX2 leads to mast cell degranulation with subsequent pseudo-allergic reactions[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7126 mL	18.5632 mL	37.1264 mL
5 mM	0.7425 mL	3.7126 mL	7.4253 mL
10 mM	0.3713 mL	1.8563 mL	3.7126 mL
50 mM	0.0743 mL	0.3713 mL	0.7425 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Müller C, et, al. MRGX Receptor Antagonists. US20210128561A1.

Porebski G, et, al. Mas-Related G Protein-Coupled Receptor-X2 (MRGPRX2) in Drug Hypersensitivity Reactions.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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