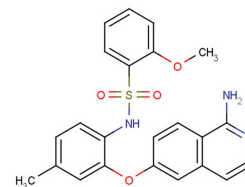


## Data Sheet (Cat.No.T12104)

MRGPRX1 agonist 1

### Chemical Properties

CAS No.:	2377379-39-8
Formula:	C <sub>23</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	435.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	MRGPRX1 agonist 1 is a highly potent MRGPRX1 (Mas-related G-protein-coupled receptor X1)agonist(EC <sub>50</sub> of 50 nM).
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.296 mL	11.481 mL	22.962 mL
5 mM	0.459 mL	2.296 mL	4.592 mL
10 mM	0.23 mL	1.148 mL	2.296 mL
50 mM	0.046 mL	0.23 mL	0.459 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Prchalová E, et al. Discovery of Benzimidazole- and 1-Aminoisoquinoline-Based Human MAS-Related G-Protein-Coupled Receptor X1 (MRGPRX1) Agonists. J Med Chem. 2019 Sep 26;62(18):8631-8641.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481