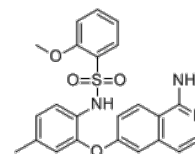


**Product Name** : MRGPRX1 agonist 1  
**Cat. No.** : PC-38066  
**CAS No.** : 2377379-39-8  
**Molecular Formula** : C<sub>23</sub>H<sub>21</sub>N<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 435.498  
**Target** :  
**Solubility** : 10 mM in DMSO



## Biological Activity

MRGPRX1 agonist 1 is a highly potent **MRGPRX1** agonist with EC<sub>50</sub> of 50 nM, superior selectivity over opioid receptors. MRGPRX1 agonist 1 displays favorable distribution to the spinal cord, the presumed site of action for the MRGPRX1-mediated analgesic effects.

## References

Prchalová E, et al. *J Med Chem.* 2019 Sep 26;62(18):8631-8641.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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