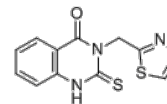


**Product Name** : MRGPRX2 antagonist C9  
**Cat. No.** : PC-38068  
**CAS No.** : 1274013-03-4  
**Molecular Formula** : C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>OS<sub>2</sub>  
**Molecular Weight** : 275.344  
**Target** :  
**Solubility** : 10 mM in DMSO



## Biological Activity

MRGPRX2 antagonist C9 is a potent and selective **MRGPRX2** inverse agonist (antagonist) with K<sub>i</sub> of 43 nM. MRGPRX2 antagonist C9 displays no antagonist activity towards NK1R or MRGPRX4. MRGPRX2 antagonist C9 inhibits (R)-ZINC-3573-stimulated LAD2 human mast cell degranulation in a concentration-dependent manner.

## References

Can Cao, et al. *Nature*. 2021 Dec;600(7887):170-175.

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

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