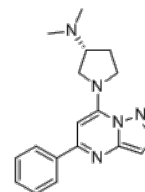


**Product Name** : (R)-ZINC-3573  
**Cat. No.** : PC-62227  
**CAS No.** : 2089389-15-9  
**Molecular Formula** : C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>  
**Molecular Weight** : 307.401  
**Target** :  
**Solubility** : 10 mM in DMSO



## Biological Activity

(R)-ZINC-3573 (ZINC-72453573) is a potent, **MRGPRX2**-selective small-molecule agonist with EC<sub>50</sub> of 740 nM.

(R)-ZINC-3573 shows minimal agonist efficacy at receptors other than MRGPRX2 at 10 μM, as well as a panel of 97 representative human kinases.]

(R)-ZINC-3573 promoted degranulation in LAD2 mast cells.

(R)-ZINC-3573 activates endogenous MRGPRX2 in a human mast cell line, inducing degranulation and calcium release.

## References

- Lansu K, et al. *Nat Chem Biol*. 2017 May;13(5):529-536.
- 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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