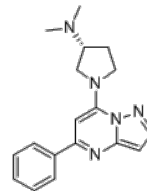


Product Name : (R)-ZINC-3573
Cat. No. : PC-62227
CAS No. : 2089389-15-9
Molecular Formula : C₁₈H₂₁N₅
Molecular Weight : 307.401
Target :
Solubility : 10 mM in DMSO



Biological Activity

(R)-ZINC-3573 (ZINC-72453573) is a potent, **MRGPRX2**-selective small-molecule agonist with EC₅₀ 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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