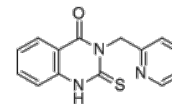


Product Name : ZINC16991592
Cat. No. : PC-38067
CAS No. : 422274-45-1
Molecular Formula : C₁₄H₁₁N₃OS
Molecular Weight : 269.322
Target :
Solubility : 10 mM in DMSO



Biological Activity

ZINC16991592 (ZINC1592) is a selective **MRGPRX2** antagonist with K_i of 189 nM.

ZINC16991592 completely inhibits the degranulation of human cord blood-derived MCs (hCMCs) induced by basic secretagogues and pseudoallergic drug, icatibant (Cat. PC-45267).

ZINC16991592 markedly inhibits the de novo synthesis of substance P (SP)-induced prostaglandin D2 in hCMCs.

ZINC16991592 inhibit p42/44 mitogen-activated protein kinase signal in hCMCs activated by SP.

References

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

Hiroyuki Ogasawara, et al. *J Leukoc Biol*. 2019 Nov;106(5):1069-1077.

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

E-mail: tech@probechem.com