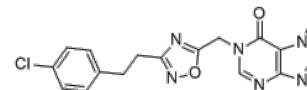


Product Name : AM-0902
Cat. No. : PC-61124
CAS No. : 1883711-97-4
Molecular Formula : C₁₇H₁₅ClN₆O₂
Molecular Weight : 370.797
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

AM-0902 (AMG0902) is a potent, selective, orally active **TRPA1** channel antagonist with IC₅₀ of 71 and 131 nM for rTRPA1 and hTRPA1 in Ca²⁺ flux assays respectively, without agonist activity (EC₅₀>40 uM).

AM-0902 (AMG0902) shows good selectivity over other TRP channels, including human TRPV1 and TRPV4, rat TRPV1, TRPV3, and TRPM8 (IC₅₀>10 uM).

AM-0902 (AMG0902) demonstrates dose-dependent inhibition of AITC-induced flinching in rats.

References

Schenkel LB, et al. *J Med Chem.* 2016 Mar 24;59(6):2794-809.

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

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