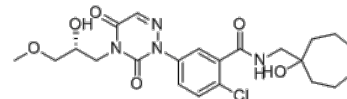


Product Name : CE-224535
Cat. No. : PC-61575
CAS No. : 724424-43-5
Molecular Formula : C₂₂H₂₉ClN₄O₆
Molecular Weight : 480.946
Target : P2X Receptor
Solubility : 10 mM in DMSO



Biological Activity

CE-224535 (PF-04905428) is a potent and selective **P2X7** receptor antagonist with IC₅₀ of 1.4 nM (inhibition of the release of IL-1b from monocytes stimulated by ATP).

CE-224535 demonstrates potential antiinflammatory action in various conditions such as arthritis, allergies, asthma, COPD, autoimmune diseases and other disorders.

References

Duplantier AJ, et al. *Bioorg Med Chem Lett*. 2011 Jun 15;21(12):3708-11.

Stock TC, et al. *J Rheumatol*. 2012 Apr;39(4):720-7.

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

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