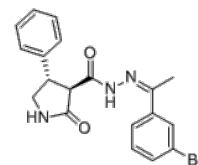


Product Name : AC-264613
Cat. No. : PC-60662
CAS No. : 1051487-82-1
Molecular Formula : C₁₉H₁₈BrN₃O₂
Molecular Weight : 400.276
Target : Protease-activated Receptor (PAR)
Solubility : 10 mM in DMSO



Biological Activity

AC-264613 is a novel potent, selective protease-activated receptor **PAR2** agonist with potencies ranging from 30-100 nM. AC-264613 shows no activity at other PAR receptor subtypes and 30 other targets involved in nociception. AC-264613 elicits robust and persistent thermal hyperalgesia and edema in vivo. AC-264613 also decreases IRF5 expression and also significantly reduces p53 protein expression in macrophages.

References

- Ma JN, et al. *J Pharmacol Exp Ther*. 2013 Dec;347(3):697-704.
Gardell LR, et al. *J Pharmacol Exp Ther*. 2008 Dec;327(3):799-808.
Yamaguchi R, et al. *Cell Biol Int*. 2016 Jun;40(6):629-41.

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

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