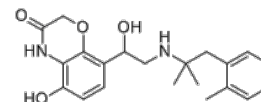


Product Name : BI 167107
Cat. No. : PC-35028
CAS No. : 1202235-68-4
Molecular Formula : C₂₁H₂₆N₂O₄
Molecular Weight : 370.449
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

BI 167107 is a highly potent agonist of the **β2 adrenergic receptor** (β2AR) and β1AR (IC₅₀=3.2 nM) and shows some activity as α1A antagonist (IC₅₀ = 32 nM).

Due to its high potency and slow dissociation from the target BI-167107 was subsequently used to support crystallization of active state β2AR and β2AR-G-protein complexes.

References

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Ring AM, et al. Nature. 2013 Oct 24;502(7472):575-579.

Manglik A, et al. Cell. 2015 May 21;161(5):1101-1111.

Kahsai AW, et al. Nat Chem Biol. 2016 Sep;12(9):709-16.

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

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