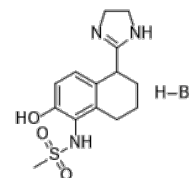


Product Name : A-61603
Cat. No. : PC-26581
CAS No. : 107756-30-9
Molecular Formula : C₁₄H₂₀BrN₃O₃S
Molecular Weight : 390.30
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

A-61603 is a potent, selective alpha 1-adrenergic receptor (α 1A AR) agonist, >35-fold more potent at α 1A than at α 1B or α 1D sites, induces dose response increases in spontaneous Ca²⁺ transients in rat ventricular myocytes in vitro with EC₅₀ of 6.9 nM.

References

Knepper SM, et al. J Pharmacol Exp Ther. 1995 Jul;274(1):97-103.

Buckner SA, et al. Eur J Pharmacol. 1996 Feb 22;297(3):241-8.

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

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