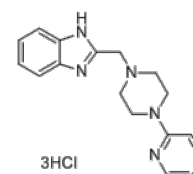


Product Name : ABT-724 trihydrochloride
Cat. No. : PC-70062
CAS No. : 587870-77-7
Molecular Formula : C₁₇H₁₉N₅·3HCl
Molecular Weight : 402.75
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

ABT-724 trihydrochloride is a potent, selective **dopamine D4** receptor agonist that activates human dopamine D4 receptors with EC₅₀ of 12.4 nM, with no effect on dopamine D1, D2, D3, or D5 receptors.

ABT-724 elicits penile erections in rats at a dose of 0.03 uM/kg, increases intracavernosal pressure in awake freely moving rats.

References

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Cowart M, et al. *J Med Chem*. 2004 Jul 15;47(15):3853-64.

Yin P, et al. *Neurosci Lett*. 2014 Sep 19;580:142-6.

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

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