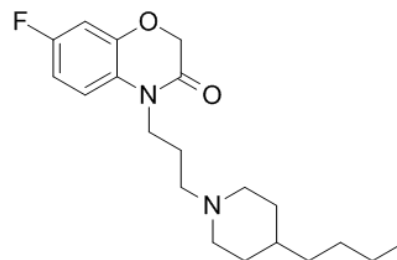


Product Name : AC-260584
Cat. No. : PC-42101
CAS No. : 560083-42-3
Molecular Formula : C₂₀H₂₉FN₂O₂
Molecular Weight : 348.4549
Target : mAChR
Solubility : 10 mM in DMSO



Biological Activity

AC-260584 is a potent, selective, allosteric muscarinic M1 receptor agonist with pEC₅₀ of 8.1, 7.6, 8.3 and 6.6 for WT M1, TM3 mutant W101A, L102A, and Y106A, respectively.

AC-260584 increases acetylcholine and dopamine release in rat medial prefrontal cortex and hippocampus.

References

- Li Z, et al. *Eur J Pharmacol.* 2007 Oct 31;572(2-3):129-37.
Spalding TA, et al. *Mol Pharmacol.* 2006 Dec;70(6):1974-83.
Li Z, et al. *Eur J Pharmacol.* 2008 Oct 31;596(1-3):89-97.

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

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