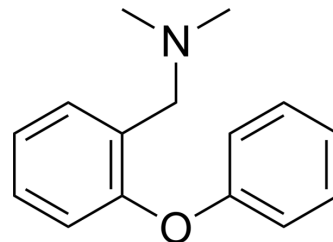


5-HT/NA Reuptake inhibitor-1

Cat. No.:	HY-160656
CAS No.:	844882-78-6
Molecular Formula:	C ₁₅ H ₁₇ NO
Molecular Weight:	227.3
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-HT/NA Reuptake inhibitor-1 (compound 9) is a selective dual 5-HT and NA reuptake inhibitor with IC ₅₀ of 660 nM and 70 nM respectively. . 5-HT/NA Reuptake inhibitor-1 has good in vitro human metabolic stability, hERG selectivity and passive membrane permeability ^[1] .
IC ₅₀ & Target	IC50: 660 nM (5-HT reuptake), 70 nM (NA reuptake)[1]

REFERENCES

[1]. Whitlock GA, et al. 1-(2-Phenoxyphenyl)methanamines: SAR for dual serotonin/noradrenaline reuptake inhibition, metabolic stability and hERG affinity. Bioorg Med Chem Lett. 2008 Jan 15;18(2):596-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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