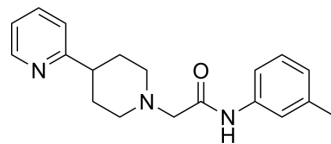


A-412997

Cat. No.:	HY-129103
CAS No.:	630116-49-3
Molecular Formula:	C ₁₉ H ₂₃ N ₃ O
Molecular Weight:	309.41
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

A-412997 is a selective Dopamine D4 agonist with K_i values of 12 and 7.9 nM for the rat and human receptors. A-412997 improves short term memory and cognitive properties in rodent models^[1].

REFERENCES

[1]. Browman KE, et al. A-412997, a selective dopamine D4 agonist, improves cognitive performance in rats. *Pharmacol Biochem Behav.* 2005;82(1):148-155.

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

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