

Antidepressant agent 6

Chemical Properties

CAS No. :

Formula: C17H20FNO4

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Antidepressant agent 6 (S-3a) is a lead compound demonstrating potent and enduring antidepressant effects. It has shown high cognitive safety, antagonizes the M1 receptor, and elevates BDNF levels, making it valuable for depression research.
Targets(IC50)	AChR
In vivo	The compound Antidepressant agent 6 (S-3a) alleviated depressive symptoms in mice and demonstrated a higher cognitive safety margin compared to scopolamine. Additionally, Antidepressant agent 6 (S-3a) reduced the behavior of despair in chronic stress response (CRS) mice.

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