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VU0467154

Catalogue No.: abx076817

VU0467154 is a small molecule. Allosteric activators of the M4 muscarinic acetylcholine receptor represent a novel approach for the treatment of psychotic symptoms associated with schizophrenia and other neuropsychiatric disorders. VU0467154 produced a robust dose-dependent reversal of MK-801-induced hyperlocomotion and deficits in preclinical models of associative learning and memory functions in wild-type mice, but failed to reverse these stimulant-induced deficits in M4 KO mice. VU0467154 also enhanced the acquisition of both contextual and cue-mediated fear conditioning when administered alone in wild-type mice.

Target:	VU0467154
Origin:	Synthetic
Purity:	95.11%
Form:	Tan Solid
CAS Number:	1451993-15-9
Storage:	Store at -20 °C.
Molecular Weight:	444.45
Molecular Formula:	C ₁₇ H ₁₅ F ₃ N ₄ O ₃ S ₂
SMILES:	<chem>O=S(C1=CC=C(C=C1)CNC(C2=C(N)C=CC(C)=NN=C3S2)=O)(C(F)(F)F)=O</chem>
Note:	This product is for research use only.