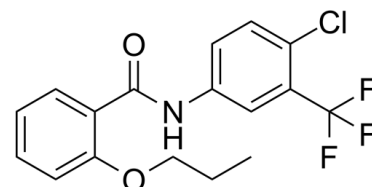


Data Sheet

Product Name:	TTK21
Cat. No.:	CS-0066233
CAS No.:	709676-56-2
Molecular Formula:	C ₁₇ H ₁₅ ClF ₃ NO ₂
Molecular Weight:	357.75
Target:	Histone Acetyltransferase
Pathway:	Epigenetics
Solubility:	DMSO : 100 mg/mL (279.52 mM; ultrasonic and warming and heat to 60°C)



BIOLOGICAL ACTIVITY:

TTK21 is an activator of the histone acetyltransferases **CBP/p300**. TTK21 passes the blood–brain barrier, induces no toxicity, and reaches different parts of the brain when conjugated to glucose-based carbon nanosphere (CSP). TTK21 has beneficial implications for the brain functions of adult neurogenesis and long-term memory^[1].

References:

[1]. Chatterjee S, et al. A novel activator of CBP/p300 acetyltransferases promotes neurogenesis and extends memory duration in adult mice. J Neurosci. 2013;33(26):10698-10712.

CAIndexNames:

Benzamide,N-[4-chloro-3-(trifluoromethyl)phenyl]-2-propoxy-

SMILES:

C1C=CC=C(C=C1C(F)(F)F)NC(C2=CC=CC=C2OCCC)=O

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

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