

Product Name : CTPB

Synonyms : CTPB

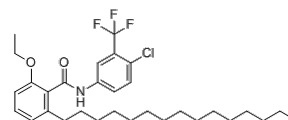
Cat No. : M15161

CAS Number : 586976-24-1

Molecular Formula : C₃₁H₄₃ClF₃NO₂

Formula Weight : 554.14

Chemical Name : N-[4-chloro-3-(trifluoromethyl)phenyl]-2-ethoxy-6-pentadecyl-benzamide



Description : CTPB is an anacardic acid derivative, was reported as a selective activator of p300 (KAT3B) HAT activity but not PCAF (KAT2B), which enhanced HAT-dependent transcriptional activation; has no effect on histone deacetylase activity; promotes the survival and neurite growth of the SH-SY5Y cells, and also protects these cells from cell death induced by the neurotoxin 6-hydroxydopamine.

Pathway : Chromatin/Epigenetic

Target : HAT

Receptor : HAT

Solubility : —

SMILES : O=C(NC1=CC=C(C(Cl)C(C(F)(F)F)=C1)C2=CCCCCCCCCCCCCCC)C=CC=C2OCC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Balasubramanyam K, et al. J Biol Chem. 2003 May 23;278(21):19134-40. | 2. Hegarty SV, et al. Neurotox Res. 2016 Oct;30(3):510-20.