

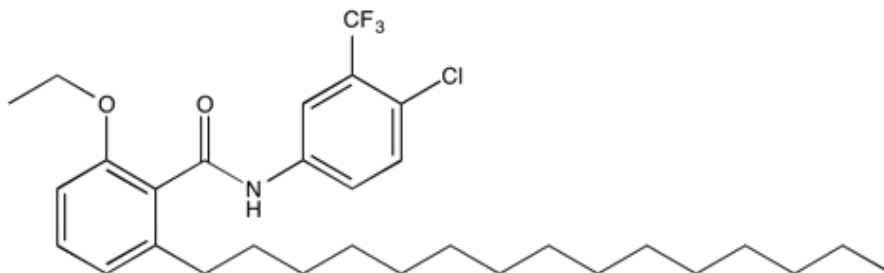
Catalog # 10-1454

CTPB

CAS# 586976-24-1

N-(4-Chloro-3-trifluoromethyl-phenyl)-2-ethoxy-6-pentadecyl-benzamide

Lot # X105618



A selective activator of p300 HAT (histone acetyltransferase) selective over PCAF (p300 CPB-associated factor)^{1,2}.

- 1) Balasubramanyam *et al.* (2003), *Small molecule modulators of histone acetyltransferase p300*; J. Biol. Chem., **278** 19134
- 2) Mantelingu *et al.* (2007), *Activation of p300 histone acetyltransferase by small molecules altering enzyme structure: probed by surface-enhanced Raman spectroscopy*; J. Phys. Chem. B., **111** 4527

PHYSICAL DATA

Molecular Weight:	554.13
Molecular Formula:	C ₃₁ H ₄₃ ClF ₃ NO ₂
Purity:	98% by TLC (1:10 EtOAc: Hexane; R _f =0.26)
	NMR: (Conforms)
Solubility:	DMSO (up to 100 mg/ml), or Ethanol (up to 50 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied, desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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