
Product Name	: 4-CMTB
Synonyms	: —
Cat No.	: M22376
CAS Number	: 300851-67-6
Molecular Formula	: C ₁₄ H ₁₅ ClN ₂ O ₂ S
Formula Weight	: 294.8
Chemical Name	: —
Description	: 4-CMTB is a selective agonist of FFA2 and GPR43. It also is a positive allosteric modulator (pEC ₅₀ =6.38).
Pathway	: Others
Target	: Other Targets
Receptor	: free fatty acid receptor 2 (FFA2/GPR43)
Solubility	: DMSO: 100 mg/mL (339.21 mM; Need ultrasonic)
SMILES	: <chem>CC(C)C(C(=O)Nc1nccs1)c1ccc(Cl)cc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Milligan G, Stoddart LA, Smith NJ. Agonism and allostery: the pharmacology of the free fatty acid receptors FFA2 and FFA3. Br J Pharmacol. 2009;158(1):146-153.