

Product Name	: VU0238429
Synonyms	: SCR-1481B1
Cat No.	: M21562
CAS Number	: 1160247-92-6
Molecular Formula	: C ₁₇ H ₁₂ F ₃ NO ₄
Formula Weight	: 351.28
Chemical Name	: 1-[(4-methoxyphenyl)methyl]-5-(trifluoromethoxy)-2,3-dihydro-1H-indole-2,3-dione
Description	: VU0238429 is positive allosteric modulator of muscarinic acetylcholine receptor subtype 5 (mAChR5 or M5) (EC ₅₀ : 1.16 μM).
Pathway	: Endocrinology/Hormones
Target	: AChR
Receptor	: M5 mAChR
Solubility	: DMSO: 150 mg/mL (427.01 mM)
SMILES	: COc1ccc(CN2C(=O)C(=O)c3cc(OC(F)(F)F)ccc23)cc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Bridges TM et al. Discovery of the first highly M5-preferring muscarinic acetylcholine receptor ligand and an M5 positive allosteric modulator derived from a series of 5-trifluoromethoxy N-benzyl isatins.