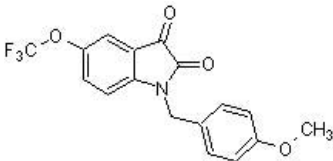


Product datasheet

VU 0238429, allosteric M5 modulator ab141307

[1 References](#) [1 Image](#)

Overview

Product name	VU 0238429, allosteric M5 modulator
Description	Selective, positive allosteric M ₅ modulator
Biological description	Selective, positive allosteric M ₅ modulator (EC ₅₀ values are 1.16 and >30 μM at M ₅ and M ₁ / M ₃ receptors, respectively). Shows no activity at M ₂ and M ₄ receptors.
Purity	> 99%
CAS Number	1160247-92-6
Chemical structure	

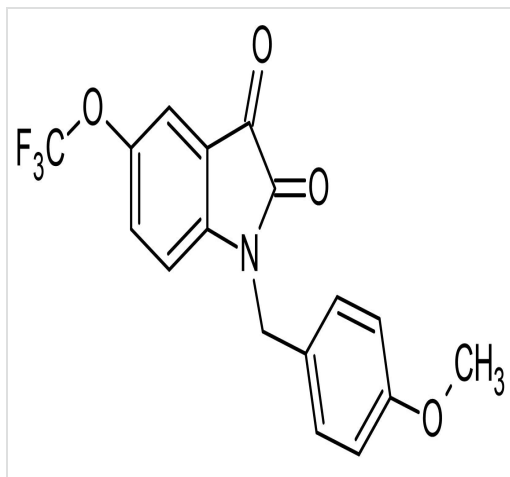
Properties

Chemical name	1-[(4-Methoxyphenyl)methyl]-5-(trifluoromethoxy)-1 <i>H</i> -indole-2,3-dione
Molecular weight	351.28
Molecular formula	C ₁₇ H ₁₂ F ₃ NO ₄
PubChem identifier	42633508
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and ethanol to 50 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>FC(F)(F)Oc1cc3c(cc1)N(Cc2ccc(OC)cc2)C(=O)C3=O</chem>

Source

Synthetic

Images



2D chemical structure image of ab141307, VU 0238429, allosteric M5 modulator

Chemical Structure - VU 0238429, allosteric M₅ modulator (ab141307)

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