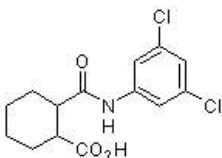


Product datasheet

VU0155041, positive allosteric mGluR4 agonist ab120244

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

Overview

Product name	VU0155041, positive allosteric mGluR4 agonist
Description	PAM for mGluR ₄
Biological description	Positive allosteric selective modulator at mGluR ₄ (EC ₅₀ values are 798 and 693 nM at human and rat mGluR ₄ receptors, respectively). It has advantages over PHCCC (ab120043) as it is more potent. Shows limited blood-brain barrier permeability. Active in behavioural models of Parkinson's disease following icv injection. Available in water-soluble form - please see VU0155041 sodium salt (ab120248).
Purity	> 99%
CAS Number	1093757-42-6
Chemical structure	

Properties

Chemical name	<i>cis</i> -2-(3,5-Dichlorophenylcarbamoyl)cyclohexanecarboxylic acid
Molecular weight	316.18
Molecular formula	C ₁₄ H ₁₅ Cl ₂ NO ₃
PubChem identifier	2933724
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1 eq. NaOH to 100 mM, in DMSO to 100 mM and in ethanol to 50 mM
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked

[questions \(FAQ\) page](#) for more details.

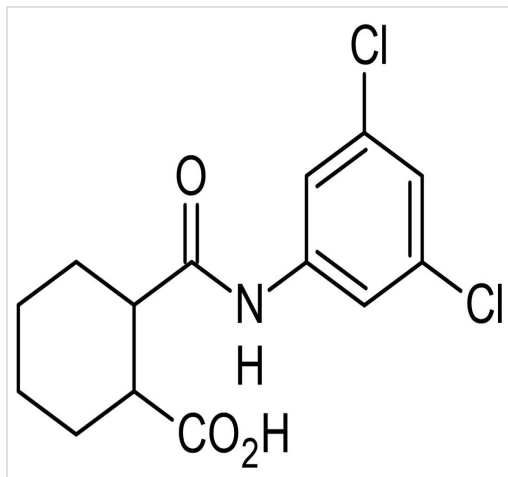
SMILES

OC(=O)C2CCCCC2C(=O)Nc1cc(Cl)cc(Cl)c1

Source

Synthetic

Images



2D chemical structure image of ab120244, VU0155041, positive allosteric mGluR4 agonist

Chemical Structure - VU0155041, positive allosteric mGluR₄ agonist (ab120244)

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