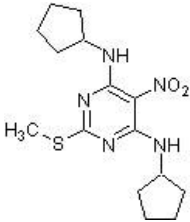


Product datasheet

GS 39783, GABA_B positive allosteric modulator ab120320

[1 Image](#)

Overview

Product name	GS 39783, GABA _B positive allosteric modulator
Description	Novel, GABA _B positive allosteric modulator
Biological description	Novel, GABA _B positive allosteric modulator (EC ₅₀ = 3 μM for [³⁵ S]GTPγS binding). Shows anxiolytic and antiaddictive effects <i>in vivo</i> . Blood-brain barrier permeable. Orally active.
Purity	> 99%
CAS Number	39069-52-8
Chemical structure	

Properties

Chemical name	N ⁴ ,N ⁶ -Dicyclopentyl-2-(methylthio)-5-nitro-4,6-pyrimidinediamine
Molecular weight	337.44
Molecular formula	C ₁₅ H ₂₃ N ₅ O ₂ S
PubChem identifier	6604928
Storage instructions	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Soluble in DMSO to 25 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. Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

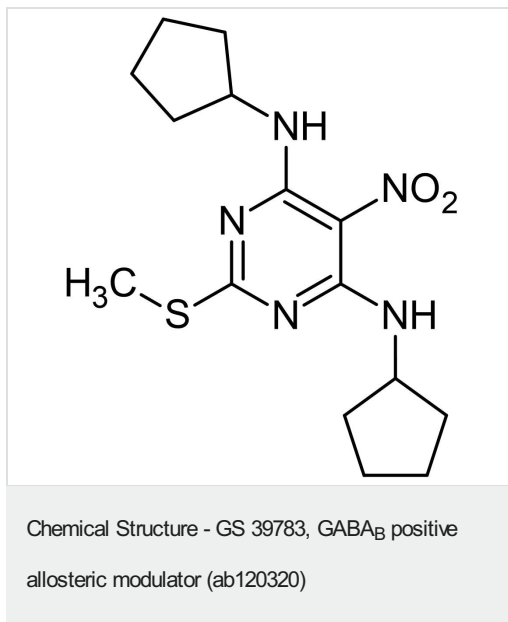
SMILES

CSC1=NC(=C(C(=N1)NC2CCCC2)[N+](=O)[O-])NC3CCCC3

Source

Synthetic

Images



2D chemical structure image of ab120320, GS 39783, GABAB positive allosteric modulator

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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