**Product datasheet**

**NNC 05-2090, GABA uptake inhibitor ab120317**

**Overview**

**Product name**
NNC 05-2090, GABA uptake inhibitor

**Description**
GABA uptake inhibitor

**Biological description**
GABA uptake inhibitor, selective for the BGT-1 transporter (K_i values are 1.4 (BGT-1), 19 (GAT-1), 41 (GAT-2) and 15 μM (GAT-3)). Also active at α1- and D2-receptors (IC_{50} values are 266 and 1632 nM, respectively). Anticonvulsant in vivo.

**CAS Number**
184845-43-0

**Chemical structure**

![Chemical structure image]

**Properties**

**Chemical name**
1-[3-(9H-Carbazol-9-yl)propyl]-4-(2-methoxyphenyl)-4-piperidinol hydrochloride

**Molecular weight**
451.01

**Molecular formula**
C_{27}H_{30}N_{2}O_{2}.HCl

**PubChem identifier**
18782760

**Storage instructions**
Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.

**Solubility overview**
Soluble in DMSO to 100 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: ClCOc1ccccc1C5(O)CCN(CCCn4c2cccccc2c3cccccc34)CC5
Source: Synthetic

Images

2D chemical structure image of ab120317, NNC 05-2090, GABA uptake inhibitor

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

Our Abpromise to you: Quality guaranteed and expert technical support

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