

AMN082 dihydrochloride, mGlu7 agonist ab120011

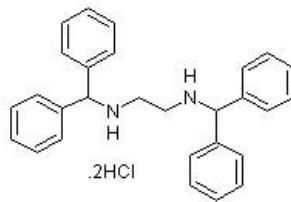
[11 References](#) [1 图像](#)

概述

产品名称	AMN082 dihydrochloride, mGlu7激动剂
描述	mGlu7激动剂
生物学描述	Potent, selective, orally active and brain penetrant mGlu ₇ receptor agonist. Potently inhibits cAMP accumulation and stimulates GTP binding (EC ₅₀ = 64-290 nM) in mGluR7 transfected cells. Selective over mGlu ₁ , 2, 3, 4,5, 6, and 8, ionotropic receptors (up to 10 μM). Elevates plasma stress hormones <i>in vivo</i> . Induces mGlu ₇ receptor internalisation in dissociated hippocampal neurones.

CAS编号 97075-46-2

化学结构



性能

化学名称	<i>N,N</i> -Dibenzhydrylethane-1,2-diamine dihydrochloride
分子量	465.46
分子式	C ₂₈ H ₂₈ N ₂ ·2HCl
PubChem识别号	11698390
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 5 mM, in ethanol to 1 mM and in DMSO to 100 mM
处理	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. Toxic, 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.

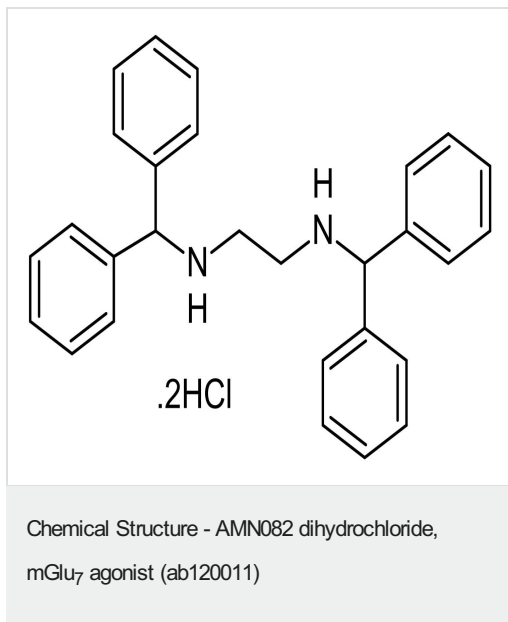
SMILES

[Cl-].[Cl-].c1ccccc1C(c2ccccc2)[NH2+]CC[NH2+](c3ccccc3)c4ccccc4

来源

Synthetic

图片



2D chemical structure image of ab120011, AMN082 dihydrochloride, mGlu₇ agonist

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

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