

(S)-MCPG, Group I / II mGlu antagonist ab120059

10 References [画像数 2](#)

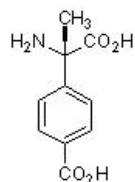
製品の概要

製品名 (S)-MCPG, Group I / II mGlu antagonist

製品の詳細 Group I / II mGlu antagonist

CAS 番号 150145-89-4

構造式



製品の特性

体系名 (S)-a-Methyl-4-carboxyphenylglycine

分子量 209.20

分子式 C₁₀H₁₁NO₄

PubChem 登録番号 446355

保存方法 Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

溶解性 Soluble in 1.1eq. NaOH to 100mM

使用に関する注意 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 線形表記 N[C@](C)(C(=O)O)c1ccc(cc1)C(=O)O

由来 Synthetic

アプリケーション

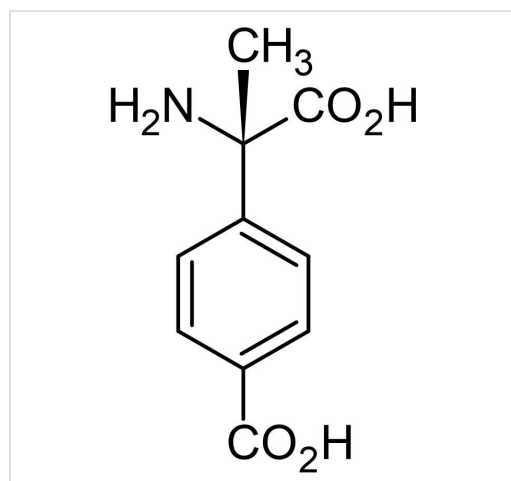
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Abpromise保証は、次のテスト済みアプリケーションにおけるab120059の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

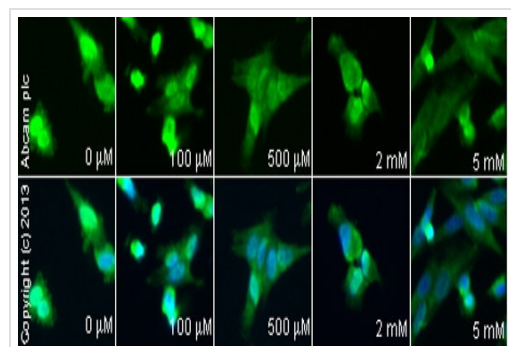
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



Chemical Structure - (S)-MCPG, Group I / II mGlu antagonist (ab120059)

2D chemical structure image of ab120059, (S)-MCPG, Group I / II mGlu antagonist



Immunocytochemistry/ Immunofluorescence - (S)-MCPG, Group I / II mGlu antagonist (ab120059)

ab17722 staining FMRP in SK-N-SH cells treated with (S)-MCPG (ab120059), by ICC/IF. Decrease of FMRP expression correlates with increased concentration of (S)-MCPG, as described in literature.

The cells were incubated at 37°C for 30 minutes in media containing different concentrations of ab120059 ((S)-MCPG) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab17722** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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

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