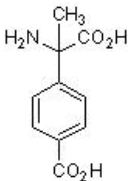


# (R,S)-MCPG, Group I /II metabotropic glutamate antagonist ab120033

**7 References**    **画像数 2**

### 製品の概要

製品名	(R,S)-MCPG, Group I/II metabotropic glutamate antagonist
製品の詳細	Group I/II metabotropic glutamate antagonist
生理活性の詳細	Group I / group II metabotropic glutamate receptor antagonist.
CAS 番号	146669-29-6
構造式	

### 製品の特性

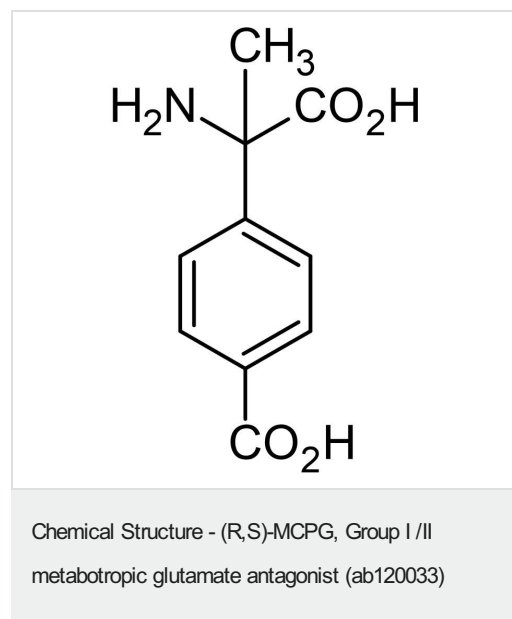
体系名	(R,S)-α-Methyl-4-carboxyphenylglycine
分子量	209.20
分子式	C <sub>10</sub> H <sub>11</sub> NO <sub>4</sub>
PubChem 登録番号	1222
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in 1 eq. NaOH to 100 mM
使用に関する注意	<p>Wherever possible, you should 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.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
SMILES 線形表記	NC(C)(C(=O)O)c1ccc(cc1)C(=O)O
由来	Synthetic

## アプリケーション

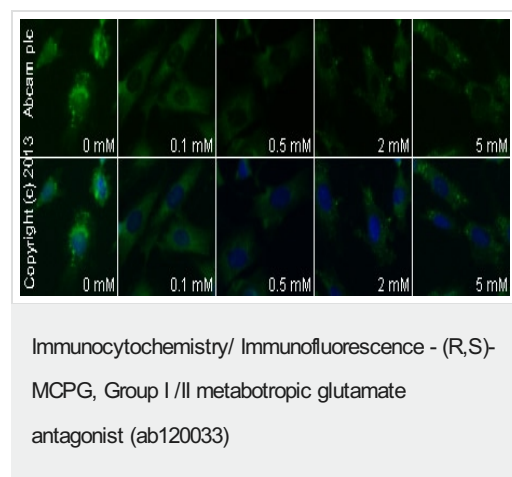
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab120033の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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

## 画像



2D chemical structure image of ab120033, (R,S)-MCPG, Group I /II metabotropic glutamate antagonist



**ab17722** staining FMRP in SK-N-SH cells treated with (R,S)-MCPG (ab120033), by ICC/IF. Decrease in FMRP expression correlates with increased concentration of (R,S)-MCPG, as described in literature.

The cells were incubated at 37°C for 2h in media containing different concentrations of ab120033 ((R,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 goat 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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