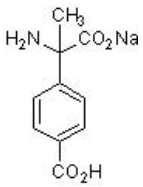
abcam

Product datasheet

(R,S)-MCPG sodium salt, Group I /II metabotropic glutamate antagonist ab120252

2 References 2 图像

概述

产品名称	(R,S)-MCPG sodium salt, Group I /II metabotropic glutamate拮抗剂
描述	Group I /II metabotropic glutamate拮抗剂; water soluble
生物学描述	Group I / group II metabotropic glutamate receptor antagonist. Water soluble form. Also available in Kit: mGlu antagonists (**ab120322**). Also available in simple stock solutions (**ab146689**) - add 1 ml of water to get an exact, ready-to-use concentration.
CAS编号	1303994-09-3
化学结构	

性能

化学名称	(*R*,*S*)-α-Methyl-4-carboxyphenylglycine sodium salt
分子量	231.18
分子式	$C_{10}H_{10}NNaO_4$
PubChem识别号	133698095
存放说明	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM
处理	This product is supplied in one (or more) pack size which is freeze dried. Therefore the contents may not be readily visible, as they can coat the bottom or walls of the vial. Please see our **FAQs** and **information page** for more details on 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 CC(C1=CC=C(C=C1)C(=O)O)(C(=O)[O-])N.[Na+]

来源 Synthetic

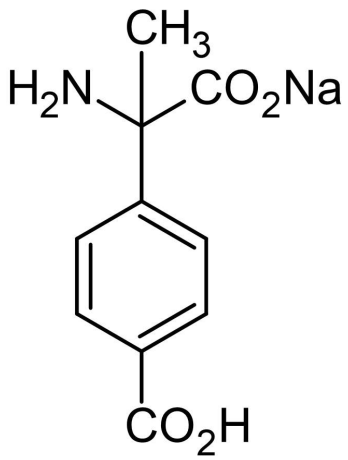
应用

The Abpromise guarantee **Abpromise™承诺保证使用ab120252于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

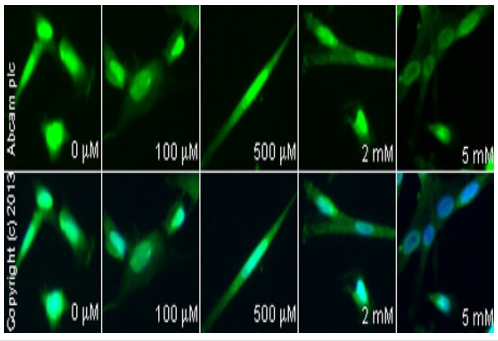
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - (R,S)-MCPG sodium salt, Group I /II metabotropic glutamate antagonist (ab120252)

2D chemical structure image of ab120252, (R,S)-MCPG sodium salt, Group I /II metabotropic glutamate antagonist



Immunocytochemistry/ Immunofluorescence - (R,S)-MCPG sodium salt, Group I /II metabotropic glutamate antagonist (ab120252)

ab17722 staining FMRP in SK-N-SH cells treated with (R,S)-MCPG sodium salt (ab120252), by ICC/IF. Decrease of FMRP expression correlates with increased concentration of (R,S)-MCPG sodium salt, as described in literature.
The cells were incubated at 37°C for 2h in media containing different concentrations of ab120252 ((R,S)-MCPG sodium salt) 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.

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