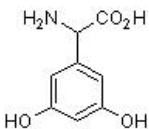
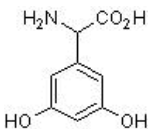


(R,S)-3,5-DHPG, group I mGlu receptor agonist ab120020

5 References **2 图像**

概述

产品名称	(R,S)-3,5-DHPG, group I mGlu receptor激动剂
描述	Group I mGlu receptor激动剂
纯度	> 98%
CAS编号	146255-66-5
化学结构	



性能

化学名称	2-amino-2-(3,5-dihydroxyphenyl)acetic acid
分子量	183.16
分子式	C ₈ H ₉ NO ₄
PubChem识别号	108001
存放说明	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
溶解度概述	Soluble in water to 10 mM
处理	<p>This compound is also unstable in alkaline solution when it rapidly forms a brown colouration it is therefore recommended that alkaline is not used to dissolve this compound.</p> <p>We recommend stock solutions are made up in water, aliquoted immediately and stored at -20°C. They should be used within one week.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1=C(C=C(C=C1O)O)C(C(=O)O)N
来源	Synthetic

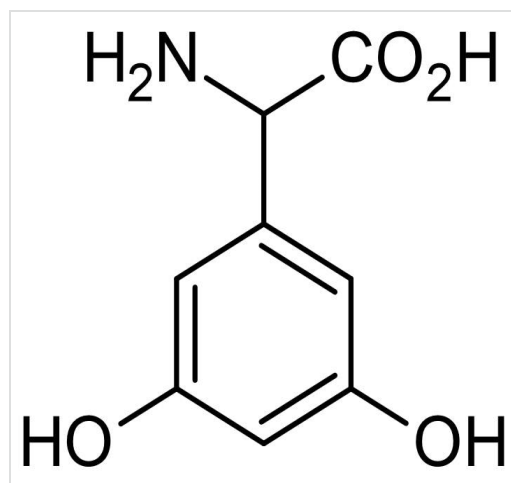
The Abpromise guarantee

Abpromise™承诺保证使用ab120020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。

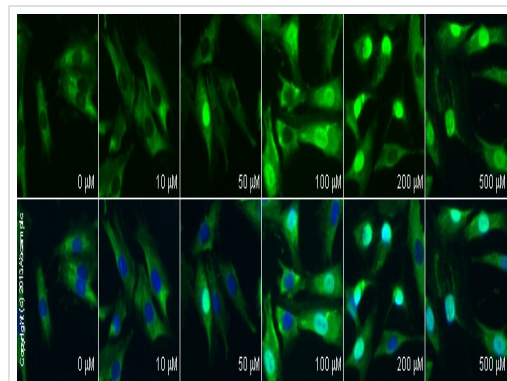
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - (R,S)-3,5-DHPG, group I mGlu receptor agonist (ab120020)

2D chemical structure image of ab120020, (R,S)-3,5-DHPG, group I mGlu receptor agonist



Immunocytochemistry/ Immunofluorescence - (R,S)-3,5-DHPG, group I mGlu receptor agonist (ab120020)

ab17722 staining FMRP in SK-N-SH cells treated with (R,S)-3,5-DHPG (ab120020), by ICC/IF. Increase in FMRP expression correlates with increased concentration of (R,S)-3,5-DHPG, as described in literature.

The cells were incubated at 37°C for 1h in media containing different concentrations of ab120020 ((R,S)-3,5-DHPG) 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.

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