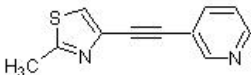


Product datasheet

MTEP, mGluR5 antagonist ab144307

1 Image

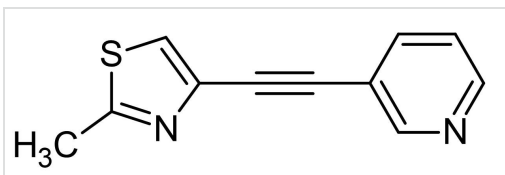
Overview

Product name	MTEP, mGluR5 antagonist
Description	Potent and selective mGluR5 antagonist
Biological description	Potent and selective mGluR5 antagonist. Acts as a negative allosteric modulator at mGluR5. Shows 5-fold more potent anxiolytic effects than MPEP (ab120008). Shows antidepressant and neuroprotective effects <i>in vivo</i> . Orally active. Blood-brain barrier permeable.
Purity	> 99%
CAS Number	329205-68-7
Chemical structure	

Properties

Chemical name	3-[2-(2-Methyl-4-thiazolyl)ethynyl]pyridine
Molecular weight	200.26
Molecular formula	C ₁₁ H ₈ N ₂ S
PubChem identifier	9794218
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	<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 frequently asked questions (FAQ) page for more details.</p>
SMILES	CC1=NC(=CS1)C#CC2=CN=CC=C2
Source	Synthetic

Images



Chemical Structure - MTEP, mGluR5 antagonist
(ab144307)

2D chemical structure image of ab144307, MTEP, mGluR5 antagonist

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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