

Product datasheet

MTEP hydrochloride, mGlu₅ antagonist ab120035

19 References

Overview

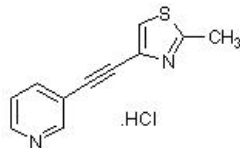
Product name	MTEP hydrochloride, mGlu ₅ antagonist
Description	Potent, selective mGlu ₅ antagonist
Biological description	Brain penetrant, potent, selective and non-competitive mGlu ₅ receptor antagonist (IC ₅₀ = 5 nM in Ca ²⁺ -flux assay; K _i = 16 nM). <i>In vivo</i> anxiolytic, devoid of side effects seen with MPEP and benzodiazepines. Also available in Kit: mGlu antagonists (ab120322).

Also available in simple stock solutions ([ab144485](#)) - add 1 ml of water to get an exact, ready-to-use concentration.

Purity > 99%

CAS Number 1186195-60-7

Chemical structure



Properties

Chemical name	3-((2-Methyl-1,3-thiazol-4-yl)ethynyl)pyridine hydrochloride
Molecular weight	236.72
Molecular formula	C ₁₁ H ₈ N ₂ S.HCl
PubChem identifier	45073467
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
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.

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Source Synthetic

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