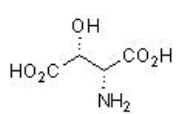


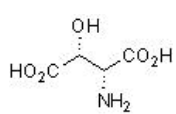
Product datasheet

D,L-threo-beta-Hydroxyaspartic acid, glutamate uptake transporter inhibitor ab144768

1 Image

Overview

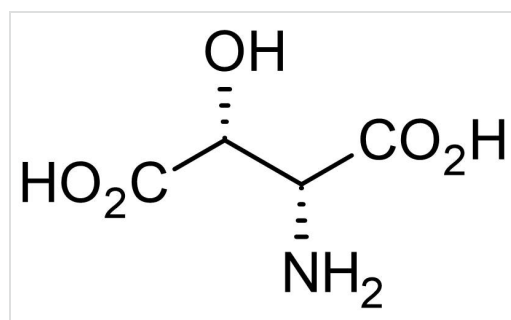
Product name	D,L-threo-beta-Hydroxyaspartic acid, glutamate uptake transporter inhibitor
Description	Selective glutamate uptake transporter inhibitor
Biological description	Selective glutamate uptake transporter inhibitor. Shows neuroprotective effects <i>in vivo</i> . Centrally active.
Purity	> 98%
CAS Number	4294-45-5
Chemical structure	



Properties

Chemical name	<i>threo</i> -2-Amino-3-hydroxysuccinic acid
Molecular weight	149.10
Molecular formula	C ₄ H ₇ NO ₅
PubChem identifier	443239
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1 eq. NaOH 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	[C@H]([C@@H](C(=O)O)O)(C(=O)O)N
Source	Synthetic

Images



Chemical Structure - D,L-threo-beta-Hydroxyaspartic acid, glutamate uptake transporter inhibitor (ab144768)

2D chemical structure image of ab144768, D,L-threo-beta-Hydroxyaspartic acid, glutamate uptake transporter inhibitor

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

- We provide support in Chinese, English, French, German, Japanese and Spanish
- 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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