

Evans blue, L-glutamate uptake inhibitor ab120869

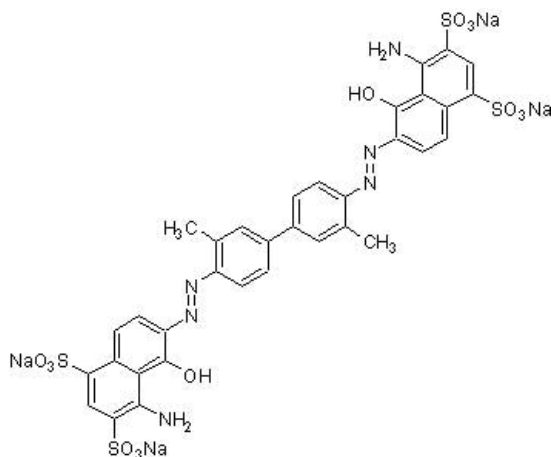
2 References 画像数 1

製品の概要

製品名	Evans blue, L-glutamate uptake inhibitor
製品の詳細	Potent inhibitor of L-glutamate uptake
生理活性の詳細	Potent inhibitor of L-glutamate uptake <i>via</i> the membrane bound excitatory amino acid transporter (EAAT). Able to antagonize AMPA and kainate receptor mediated currents (IC ₅₀ values are 220 and 150 nM, respectively). Binds with high affinity to serum albumin.

Also available in simple stock solutions (**ab146727**) - add 1 ml of water to get an exact, ready-to-use concentration.

精製度	> 95%
CAS 番号	314-13-6
構造式	

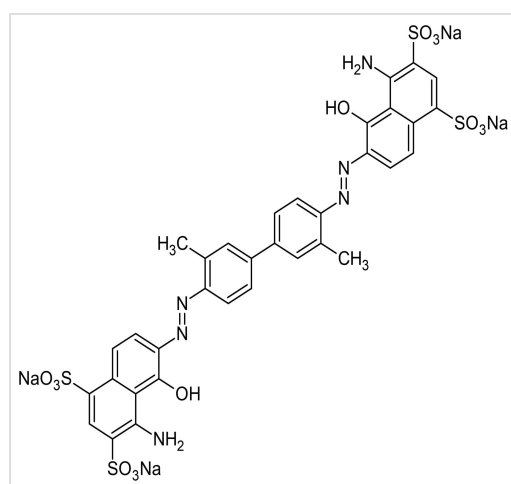


製品の特性

体系名	6,6'-[(3,3'-Dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(2,1-diazenediyl)]bis[4-amino-5-hydroxy-1,3-naphthalenedisulfonic acid] tetrasodium salt
分子量	960.80
分子式	C ₃₄ H ₂₄ N ₆ Na ₄ O ₁₄ S ₄
PubChem 登録番号	9566057
保存方法	Store at Room Temperature. The product can be stored for up to 12 months.

溶解性	Soluble in water to 100 mM
使用に関する注意	<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>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <u>frequently asked questions (FAQ) page</u> for more details.</p>
SMILES 線形表記	<chem>O=S(=O)(O[Na])c6cc(c(N)c5c6ccc(/N=N/c1ccc(cc1C)c4ccc(/N=N/c3ccc2c(cc(c(N)c2c3O)S(=O)(=O)O[Na])S(=O)(=O)O[Na])c(C)c4)c5O)S(=O)(=O)O[Na]</chem>
由来	Synthetic

画像



2D chemical structure image of ab120869, Evans blue, L-glutamate uptake inhibitor

Chemical Structure - Evans blue, L-glutamate uptake inhibitor (ab120869)

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

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