

LM22A-4, neurotrophic BDNF mimetic ab222020

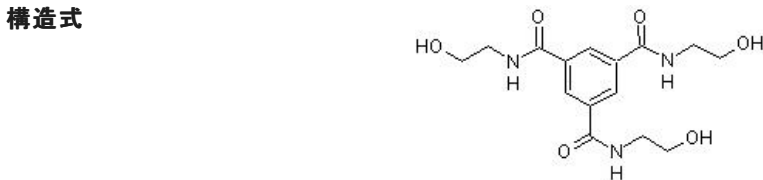
画像数 1

製品の概要

製品名	LM22A-4, neurotrophic BDNF mimetic
製品の詳細	Neurotrophic BDNF mimetic; Partial TrkB agonist.
生理活性の詳細	Small molecule BDNF mimetic displaying neurotrophic activity. Partial agonist at TrkB, activating TrkB signaling. Displaces BDNF (IC ₅₀ = 47 nM) in binding assays. Prevents neuronal degeneration with equal efficacy to that of BDNF in <i>in vitro</i> models of neurodegenerative disease. Causes hippocampal and striatal TrkB activation in mice and improved motor learning after traumatic brain injury in rats, after <i>in vivo</i> administration. Improves respiratory function in a mouse model of Rett syndrome.

精製度 > 98%

CAS 番号 37988-18-4

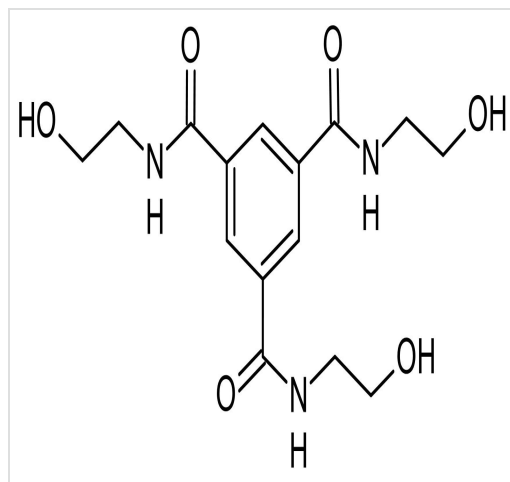


製品の特性

体系名	<i>N,N',N''</i> -Tris(2-hydroxyethyl)-1,3,5-benzenetricarboxamide
分子量	339.35
分子式	C ₁₅ H ₂₁ N ₃ O ₆
PubChem 登録番号	2054170
保存方法	Shipped at room temperature. Store at -20°C.
溶解性	Soluble in water to 100 mM and in DMSO to 100 mM
使用に関する注意	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.

SMILES 線形表記C1=C(C=C(C=C1C(=O)NCCO)C(=O)NCCO)C(=O)NCCO**由来**

Synthetic

画像

2D chemical structure image of ab222020, LM22A-4, neurotrophic BDNF mimetic

Chemical Structure - LM22A-4, neurotrophic BDNF mimetic (ab222020)

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

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