


Pro-myristic acid, Negative control for MiTMAB™ and OcTMAB™ ab120476

1 图像

概述

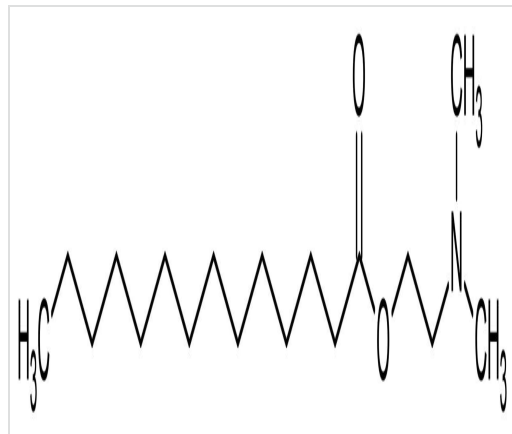
产品名称	Pro-myristic acid, Negative control for MiTMAB™ and OcTMAB™
描述	Negative control for MiTMAB™ and OcTMAB™
生物学描述	Negative control molecule for use with MiTMAB™ ab120466 and OcTMAB™ ab120467 . Pro-myristic acid is an <i>in vitro</i> inhibitor of dynamin I and II, targeting the PH (lipid binding) domain (IC ₅₀ = 9.2 μM for inhibition of dynamin I GTPase). Although cell-permeable, it is rapidly broken down by cellular esterases to release intracellular myristic acid, which is not a dynamin inhibitor (IC ₅₀ = ≥300 μM for receptor-mediated endocytosis). It can therefore be used as a negative control in cell-based studies with MiTMAB™ and/or OcTMAB™.
常规说明	Sold under exclusive licence from Children's Medical Research Institute and Newcastle Innovation Ltd.
CAS编号	43016-78-0
化学结构	

性能

化学名称	2-(Dimethylamino)ethyl tetradecanoate
分子量	299.50
分子式	C ₁₈ H ₃₇ NO ₂
PubChem识别号	96645
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 25 mM and in ethanol to 100 mM
处理	<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>

SMILESCN(C)CCOC(=O)CCCCCCCCCCCCC**来源**

Synthetic

图片

2D chemical structure image of ab120476, Pro-myristic acid,
Negative control for MiTMAB™ and OcTMAB™

Chemical Structure - Pro-myristic acid, Negative
control for MiTMAB™ and OcTMAB™ (ab120476)

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

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