


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

画像数 1

製品の概要

製品名	Pro-myristic acid, Negative control for MiTMAB™ and OcTMAB™
製品の詳細	Negative control for MiTMAB™ and OcTMAB™
生理活性の詳細	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™.
特記事項	Sold under exclusive licence from Children's Medical Research Institute and Newcastle Innovation Ltd.
CAS 番号	43016-78-0
構造式	

製品の特性

体系名	2-(Dimethylamino)ethyl tetradecanoate
分子量	299.50
分子式	C ₁₈ H ₃₇ NO ₂
PubChem 登録番号	96645
保存方法	Store at Room Temperature. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 25 mM and in ethanol 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.

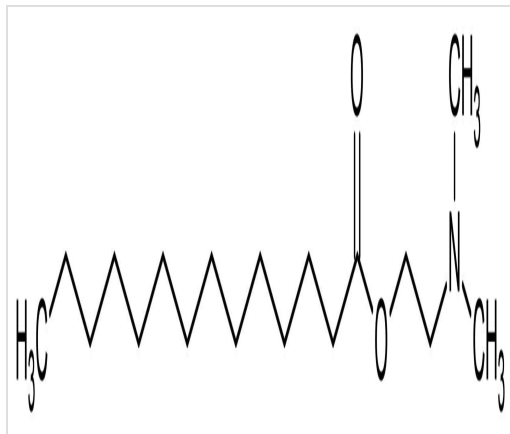
SMILES 線形表記

CN(C)CCOC(=O)CCCCCCCCCCCCC

由来

Synthetic

画像



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

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

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

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