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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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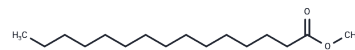
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Methyl pentadecanoate

Chemical Properties

CAS No. :	7132-64-1
Formula:	C ₁₆ H ₃₂ O ₂
Molecular Weight:	256.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methyl pentadecanoate is a natural product. Methyl pentadecanoate is a saturated fatty acid methyl ester obtained from the esterification of myristic acid. Methyl myristate shows a high melanin induction in B16F10 melanoma[1].
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 25 mg/mL (97.5 mM), Sonication is recommended. DMSO: 70 mg/mL (272.99 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8999 mL	19.4993 mL	38.9985 mL
5 mM	0.780 mL	3.8999 mL	7.7997 mL
10 mM	0.390 mL	1.9499 mL	3.8999 mL
50 mM	0.078 mL	0.390 mL	0.780 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Aranya Manosroi, et al. Melanogenesis of methyl myristate loaded niosomes in B16F10 melanoma cells. J Biomed Nanotechnol. 2013 Apr;9(4):626-38.

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