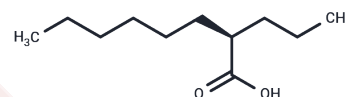


Arundic Acid

Chemical Properties

CAS No. :	185517-21-9
Formula:	C ₁₁ H ₂₂ O ₂
Molecular Weight:	186.29
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Arundic Acid (ONO 2506) is an astrocyte-modulating agent, delays the expansion of cerebral infarcts by modulating the activation of astrocytes through inhibition of S-100β synthesis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 150 mg/mL (805.2 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	5.368 mL	26.8399 mL	53.6797 mL
5 mM	1.0736 mL	5.368 mL	10.7359 mL
10 mM	0.5368 mL	2.684 mL	5.368 mL
50 mM	0.1074 mL	0.5368 mL	1.0736 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Tomoyuki Hasegawa, et al. Process Development of ONO-2506: A Therapeutic Agent for Stroke and Alzheimer's Disease. Org. Process Res. Dev.200372168-171.

Kato H, et al. Arundic acid, an astrocyte-modulating agent, protects dopaminergic neurons against MPTPneurotoxicity in mice. Brain Res. 2004 Dec 24;1030(1):66-73.

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