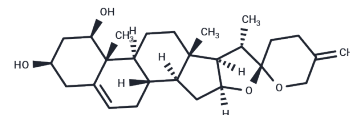


Neoruscogenin

Chemical Properties

CAS No. : 17676-33-4
Formula: C₂₇H₄₀O₄
Molecular Weight: 428.6
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	1. Neoruscogenin represents a universal pharmacological tool for ROR α research due to its specific selectivity profile versus other nuclear receptors.
Targets(IC ₅₀)	ROR

Solubility Information

Solubility	DMSO: 55 mg/mL (128.32 mM), Ethanol: 30 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3332 mL	11.6659 mL	23.3318 mL
5 mM	0.4666 mL	2.3332 mL	4.6664 mL
10 mM	0.2333 mL	1.1666 mL	2.3332 mL
50 mM	0.0467 mL	0.2333 mL	0.4666 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

Barbic M , Willer E A , Rothenhofer M , et al. Spirostanol saponins and esculin from Rusci rhizoma reduce the thrombin-induced hyperpermeability of endothelial cells[J]. Phytochemistry, 2013, 90:106-113.

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