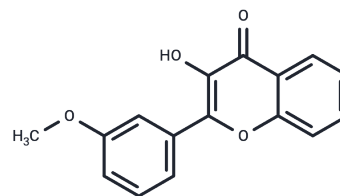


3'-Methoxyflavonol

Chemical Properties

CAS No. :	76666-32-5
Formula:	C ₁₆ H ₁₂ O ₄
Molecular Weight:	268.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3'-Methoxyflavonol is a potent, selective agonist of neuromedin U 2 receptor (NMU2R).
Targets(IC50)	NMU2R

Solubility Information

Solubility	DMSO: 155 mg/mL (577.8 mM),Heating 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	3.7277 mL	18.6386 mL	37.2773 mL
5 mM	0.7455 mL	3.7277 mL	7.4555 mL
10 mM	0.3728 mL	1.8639 mL	3.7277 mL
50 mM	0.0746 mL	0.3728 mL	0.7455 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

Ma ML, et al. Design, synthesis and biological activity of flavonoid derivatives as selective agonists for neuromedin U 2 receptor. Bioorg Med Chem. 2014 Nov 1;22(21):6117-23.

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