

Rubrosterone

Chemical Properties

CAS No. : 19466-41-2

Formula: C₁₉H₂₆O₅

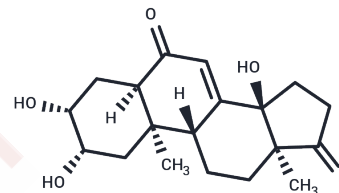
Molecular Weight: 334.41

Keep away from direct sunlight, Keep away from moisture

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	Rubrosterone is a steroid and C19 steroid found in certain plants and insects, exhibiting anti-diabetic activity.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9903 mL	14.9517 mL	29.9034 mL
5 mM	0.5981 mL	2.9903 mL	5.9807 mL
10 mM	0.299 mL	1.4952 mL	2.9903 mL
50 mM	0.0598 mL	0.299 mL	0.5981 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

Takemoto T, et al. Rubrosterone, a metabolite of insect metamorphosing substance from *Achyranthes rubrofusca*: structure and absolute configuration. *Tetrahedron*. 1969 Mar;25(6):1241-8.

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