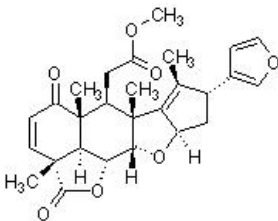


Product datasheet

Nimbolide, CyclinA and ERK1/2 inhibitor ab142138

1 Image

Overview

Product name	Nimbolide, CyclinA and ERK1/2 inhibitor
Description	CyclinA and ERK1/2 inhibitor. Terpenoid lactone.
Biological description	CyclinA and ERK1/2 inhibitor. Terpenoid lactone derived from <i>Azadirachta indica</i> . Proapoptotic and anticancer activity <i>in vivo</i> .
Purity	> 97%
CAS Number	25990-37-8
Chemical structure	

Properties

Chemical name	(2a <i>R</i> ,5a <i>R</i> ,6 <i>S</i> ,6a <i>R</i> ,8 <i>R</i> ,9a <i>R</i> ,10a <i>S</i> ,10b <i>R</i> ,10c <i>R</i>)- 8-(3-Furanyl)-2a,5a,6,6a,8,9,9a,10a,10b,10c-decahydro-2a,5a,6a,7-tetramethyl-2,5-dioxo-2 <i>H</i> ,5 <i>H</i> -cyclopenta[<i>d'</i>]naphtho[1,8- <i>bc</i> :2,3- <i>b'</i>]difuran-6-acetic acid methyl ester
Molecular weight	466.53
Molecular formula	C ₂₇ H ₃₀ O ₇
PubChem identifier	100017
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p>

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

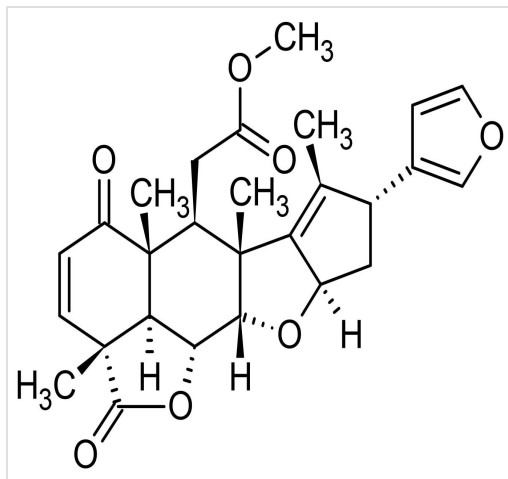
SMILES

CC1=C2C(CC1C3=COC=C3)OC4C2(C(C5(C6C4OC(=O)C6(C=CC5=O)C)C)CC(=O)OC)C

Source

Azadirachta indica

Images



2D chemical structure image of ab142138, Nimbolide, CyclinA and ERK1/2 inhibitor

Chemical Structure - Nimbolide, CyclinA and ERK1/2 inhibitor (ab142138)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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