

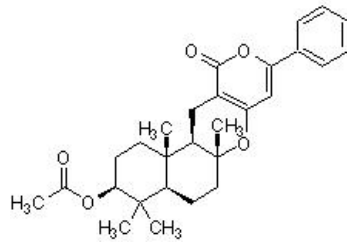
Product datasheet

S14-95, JAK/STAT pathway inhibitor ab144515

★★★★★ 1 Abreviews

Overview

Product name	S14-95, JAK/STAT pathway inhibitor
Description	JAK/STAT pathway inhibitor
Biological description	JAK/STAT pathway inhibitor. Inhibits IFN-γ mediated expression of the reporter gene (IC ₅₀ values are 5.4 - 10.8 μM). Inhibits COX-2 and NOS II expression (IC ₅₀ = 10.8 μM). Inhibits iNOS-dependent NO production.
Purity	> 95%
CAS Number	419532-92-6
Chemical structure	



Properties

Chemical name	(3 <i>S</i> ,4 <i>aR</i> ,6 <i>aR</i> ,12 <i>aR</i> ,12 <i>bS</i>)-3-(Acetyloxy)-1,3,4,4 <i>a</i> ,5,6,6 <i>a</i> ,12,12 <i>a</i> ,12 <i>b</i> -decahydro-4,4,6 <i>a</i> ,12 <i>b</i> -tetramethyl-9-phenyl-2 <i>H</i> ,11 <i>H</i> -naphtho[2,1- <i>b</i>]pyrano[3,4- <i>e</i>]pyran-11-one
Molecular weight	450.57
Molecular formula	C ₂₈ H ₃₄ O ₅
PubChem identifier	10983241
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in Methanol.
Handling	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.

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

SMILES

CC(=O)O[C@H]1CC[C@]2([C@H](C1(C)C)CC[C@@]3([C@@H]2CC4=C(O3)C=C(OC4=O)C5=CC=CC=C5)C)C

Source

Isolated from Penicillium sp.

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

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