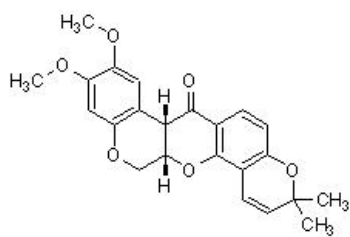


Product datasheet

(-)-Deguelin, Akt inhibitor ab120941

1 Image

Overview

Product name	(-)-Deguelin, Akt inhibitor
Description	Akt inhibitor. Anticancer agent.
Biological description	Akt inhibitor. Anticancer agent. Inhibits cell growth (IC ₅₀ = 43.2 nM) <i>in vitro</i> . Anticancer and antiangiogenic activities <i>in vivo</i> .
Purity	> 98%
CAS Number	522-17-8
Chemical structure	

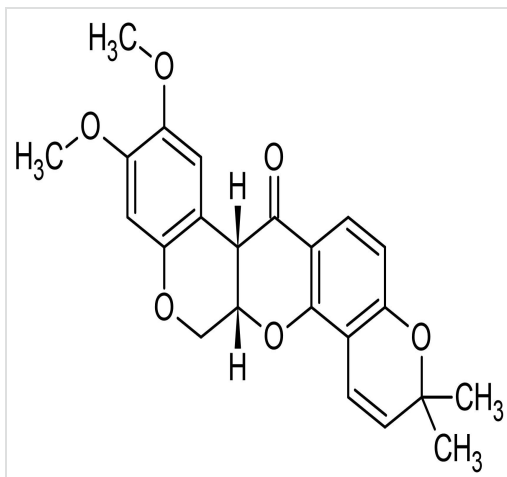
Properties

Chemical name	(7a <i>S</i> ,13a <i>S</i>)-13,13a-Dihydro-9,10-dimethoxy-3,3-dimethyl-3 <i>H</i> -bis[1]benzopyrano[3,4- <i>b</i> :6',5'- <i>e</i>]pyran-7(7a <i>H</i>)-one
Molecular weight	394.42
Molecular formula	C ₂₃ H ₂₂ O ₆
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 50 mM
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	<chem>COc1cc2c(OC[C@H]3OC4c(ccc5OC(C)(C)C=Cc45)C(=O)[C@@H]23)cc1OC</chem>

Source

Synthetic

Images



2D chemical structure image of ab120941, (-)-Deguelin, Akt inhibitor

Chemical Structure - (-)-Deguelin, Akt inhibitor
(ab120941)

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

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