Product name: Rottlerin, Kinase inhibitor

Description: Kinase inhibitor

Biological description: Originally reported to inhibit PKC isoforms, especially PKCδ and CAM-KII. Also inhibits MAPKAP-K2 and PRAK (IC50 values are 5.4 and 1.9 μM, respectively), CHK2, PLK1, PIM3 and SRPK1.

CAS Number: 82-08-6

Chemical structure:

![Chemical structure image]

Chemical name: 3’-{[8-(Cinnamoyl-5,7-dihydroxy-2,2-dimethyl-2H-1-benzopyran-6-yl)methyl]-2’,4’,6’-trihydroxy-5’-methylacetophenone

Molecular weight: 516.55

Molecular formula: C30H28O8

PubChem identifier: 5281847

Storage instructions: Shipped at Room Temperature. 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: 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)c4c(O)c(Cc2c(O)c(c1OC(C)(C)C=Cc1c2O)(C(=O)C=C/C/c3cccc3)c(O)c(C)c4O

References:

Image:

Overview:

Properties:

1 References

1 Image
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