Product name: Everolimus, mTOR inhibitor ab142151

Description: Potent mTOR inhibitor

Purity: > 98%

General notes: This product is manufactured by BioVision, an Abcam company and was previously called 1917 Everolimus. 1917-25 is the same size as the 25 mg size of ab142151.

CAS Number: 159351-69-6

Chemical structure:

Chemical name: Dihydroxy-12-[(2R)-1-[(1S,3R,4R)-4-(2-hydroxyethoxy)-3-methoxybicyclohexylpropan-2-yl]-19,30-dimethoxy-15,17,21,23,29,35-hexamethyl-11,36-dioxo-4-azatricyclo[30.3.1.04,9]hexatriaconta-16,24,26,28-tetraene-2,3,10,14,20-pentone

Molecular weight: 958.22

Molecular formula: C_{53}H_{83}NO_{14}

PubChem identifier: 6442177

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 25 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.

Toxic, refer to SDS for further information.

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

SMILES

CC1CCC2CC(=CC=CC(CC(=O)C(CC(=O)CC(=O)OC(=O)C3CCCCN3C(=O)(=O)C1(O2)O)C(C4CC4CCC(C(C4)OC)OCCO)C)C)O)OC)C)C)OC

Source

Synthetic

Images

2D chemical structure image of ab142151, Everolimus, mTOR inhibitor

Chemical Structure - Everolimus, mTOR inhibitor (ab142151)

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

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