

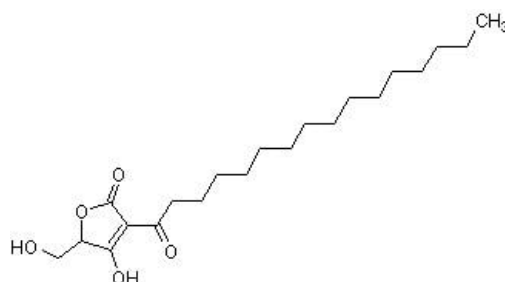
Product datasheet

RK-682, protein tyrosine phosphatase (PTP) inhibitor ab141730

[1 References](#) [1 Image](#)

Overview

Product name	RK-682, protein tyrosine phosphatase (PTP) inhibitor
Description	Potent, selective and competitive protein tyrosine phosphatase (PTP) inhibitor
Biological description	Potent, selective and competitive protein tyrosine phosphatase (PTP) inhibitor (IC ₅₀ values are 5.5, 54 and 2-11.6 µM at PTP1B, CD45 and VHR respectively). Inhibits cell cycle progression at G1/S transition.
Purity	> 98%
CAS Number	154639-24-4
Chemical structure	



Properties

Chemical name	(2 <i>R</i>)-4-Hexadecanoyl-3-hydroxy-2-(hydroxymethyl)-2 <i>H</i> -furan-5-one
Molecular weight	368.50
Molecular formula	C ₂₁ H ₃₆ O ₅
PubChem identifier	54678922
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 and in ethanol 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.

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

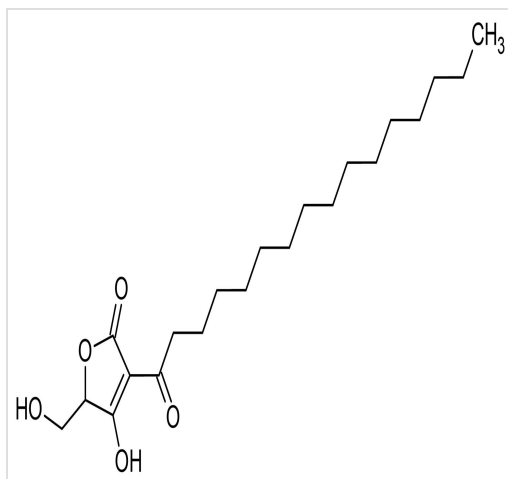
SMILES

CCCCCCCCCCCCCCCC(=O)C1=C(C(OC1=O)CO)O

Source

Synthetic

Images



2D chemical structure image of ab141730, RK-682, protein tyrosine phosphatase (PTP) inhibitor

Chemical Structure - RK-682, protein tyrosine phosphatase (PTP) inhibitor (ab141730)

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

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