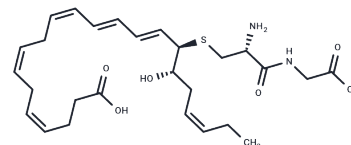


PCTR2

Chemical Properties

CAS No. : 1810710-63-4
Formula: C₂₇H₄₀N₂O₆S
Molecular Weight: 520.69
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Protein conjugates in tissue regeneration 2 (PCTR2) is a specialized pro-resolving mediator (SPM) synthesized from docosahexaenoic acid . DHA is oxidized to 16S,17S-epoxy-protectin, which is converted to PCTR1 by glutathione S-transferase and to PCTR2 via γ-glutamyl transpeptidase. PCTR2 is found in resolving mouse exudate and in both M1 and M2 macrophages differentiated from isolated human monocytes.
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Solubility Information

Solubility	DMSO: 50 mg/mL DMF: 50 mg/mL PBS (pH 7.2): 0.1 mg/mL Ethanol: 1 mg/mL Ethanol:H ₂ O (95:5): 2 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9205 mL	9.6026 mL	19.2053 mL
5 mM	0.3841 mL	1.9205 mL	3.8411 mL
10 mM	0.1921 mL	0.9603 mL	1.9205 mL
50 mM	0.0384 mL	0.1921 mL	0.3841 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481