

PNU-145156E

Chemical Properties

CAS No. : 159537-58-3

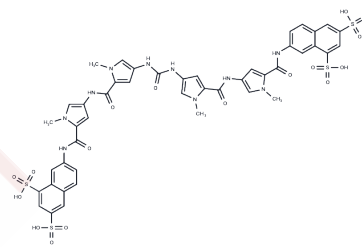
Formula: C45H40N10O17S4

Molecular Weight: 1121.12

Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	PNU-145156E (formerly FCE 26644) is a noncytotoxic small molecule that exerts antitumor activity through reversible complex formation with growth and angiogenic factors, thereby inhibiting their ability to induce angiogenesis. PNU-145156E is utilized in research on tumor vascularization, angiogenesis regulation, and the development of anti-angiogenic therapeutic strategies.
Targets(IC50)	FGFR, VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.892 mL	4.4598 mL	8.9197 mL
5 mM	0.1784 mL	0.892 mL	1.7839 mL
10 mM	0.0892 mL	0.446 mL	0.892 mL
50 mM	0.0178 mL	0.0892 mL	0.1784 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Groen H J M, et al. PNU-145156E, a novel angiogenesis inhibitor, in patients with solid tumors: a phase I and pharmacokinetic study[J]. Clinical cancer research, 2001, 7(12): 3928-3933.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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