

Vem-L-Cy5

Chemical Properties

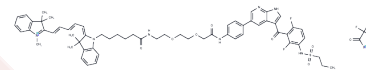
CAS No. :

Formula: C63H68F5N7O9S

Molecular Weight: 1194.31

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	Vem-L-Cy5 (compound 3), a Vemurafenib-based BRAF inhibitor conjugated with the near-infrared (NIR) fluorophore cyanine-5 (Cy5), selectively targets the BRAF V600E mutation and inhibits MEK phosphorylation. This compound demonstrates cell permeability and has been shown to inhibit the growth of various cancer cell types [1].
Targets(IC50)	Raf

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8373 mL	4.1865 mL	8.373 mL
5 mM	0.1675 mL	0.8373 mL	1.6746 mL
10 mM	0.0837 mL	0.4187 mL	0.8373 mL
50 mM	0.0167 mL	0.0837 mL	0.1675 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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