
Product Data Sheet

Product Name: VEGFR-2-IN-29

Cat. No.: GC66043

Chemical Properties

Cas. No. 62802-77-1

Formula $C_{16}H_{11}N_3O_3$

M.Wt 293.28

Solubility DMSO : 20 mg/mL (68.19 mM; ultrasonic and warming and heat to 60°C)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

VEGFR-2-IN-29 (Compound 5) is a **VEGFR-2** inhibitor with an **IC₅₀** of 16.5 nM^[1].

VEGFR-2-IN-29 (Compound 5) (72 h) inhibits HUVEC proliferation^[1].

Cell Proliferation Assay^[1]

Cell Line: HUVEC

Concentration:

Incubation Time: 72 h

Result: Showed inhibition with IC₅₀s of 15.8 nM and 210 nM against VEGF- and bFGF-induced HUVEC proliferation.

Caution: Product has not been fully validated for medical applications. For research use only.

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