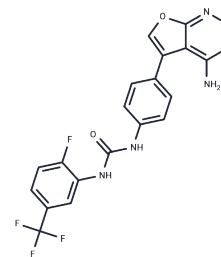


Cpd27

## Chemical Properties

CAS No. :	501693-48-7
Formula:	C <sub>20</sub> H <sub>13</sub> F <sub>4</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	431.34
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Cpd27 (TIE-2/VEGFR-2 kinase-IN-2) is a TIE-2 and VEGFR-2 inhibitor that inhibits RIPK1 and protects RGCs from TNF-stimulated cell death and can be used to study glaucoma.
Targets(IC50)	RIP kinase,Tie-2,VEGFR

## Solubility Information

Solubility	DMSO: 40 mg/mL (92.73 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3184 mL	11.5918 mL	23.1836 mL
5 mM	0.4637 mL	2.3184 mL	4.6367 mL
10 mM	0.2318 mL	1.1592 mL	2.3184 mL
50 mM	0.0464 mL	0.2318 mL	0.4637 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

- Yasushi Miyazaki, et al. Orally active 4-amino-5-diarylurea-furo[2,3-d]pyrimidine derivatives as anti-angiogenic agent inhibiting VEGFR2 and Tie-2. *Bioorg Med Chem Lett.* 2007 Mar 15;17(6):1773-8.
- Miyazaki Y, et al. Orally active 4-amino-5-diarylurea-furo[2,3-d]pyrimidine derivatives as anti-angiogenic agent inhibiting VEGFR2 and Tie-*Bioorg Med Chem Lett.* 2007 Mar 15;17(6):1773-8.

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