

SAR131675

## Chemical Properties

CAS No. : 1433953-83-3

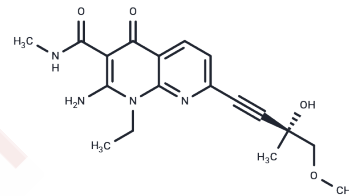
Formula: C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 358.39

Appearance: no data available

Storage: store at low temperature

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



## Biological Description

Description	SAR131675 is a potent and selective VEGFR3 inhibitor with an IC <sub>50</sub> of 23 nM.
Targets(IC <sub>50</sub> )	VEGFR

## Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 70 mg/mL (195.32 mM), when pH is adjusted to 2 with HCl. Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7903 mL	13.9513 mL	27.9026 mL
5 mM	0.5581 mL	2.7903 mL	5.5805 mL
10 mM	0.279 mL	1.3951 mL	2.7903 mL
50 mM	0.0558 mL	0.279 mL	0.5581 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.

## Reference

Alam A, et al. SAR131675, a potent and selective VEGFR-3-TK inhibitor with antilymphangiogenic, antitumoral, and antimetastatic activities. Mol Cancer Ther. 2012 Aug;11(8):1637-49.

Wang C, Xu J, Cheng X, et al. Anti-lymphangiogenesis for boosting drug accumulation in tumors. Signal Transduction and Targeted Therapy. 2024, 9(1): 89.

**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