

YF-452

## Chemical Properties

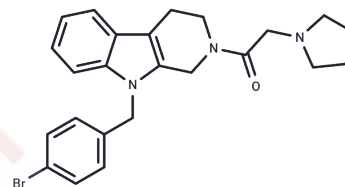
CAS No. : 1951466-83-3

Formula: C<sub>24</sub>H<sub>26</sub>BrN<sub>3</sub>O

Molecular Weight: 452.39

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	YF-452 inhibits tumor growth through antiangiogenesis by suppressing VEGF receptor 2 signaling.
Targets(IC50)	Others, VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2105 mL	11.0524 mL	22.1048 mL
5 mM	0.4421 mL	2.2105 mL	4.421 mL
10 mM	0.221 mL	1.1052 mL	2.2105 mL
50 mM	0.0442 mL	0.221 mL	0.4421 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

Liu Y, He Y, Yang F, Cong X, Wang J, Peng S, Gao D, Wang W, Lan L, Ying X, Liu M, Chen Y, Yi Z. A novel synthetic small molecule YF-452 inhibits tumor growth through antiangiogenesis by suppressing VEGF receptor 2 signaling. *Sci China Life Sci.* 2017 Feb;60(2):202-214. doi: 10.1007/s11427-016-0369-6. Epub 2017 Feb 13. PubMed PMID: 28194552.

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: 34 Washington Street, Wellesley Hills, MA 02481