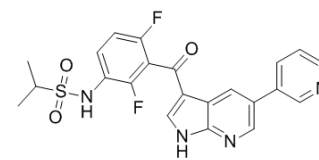


## BRAF inhibitor

<b>Cat. No.:</b>	HY-10247		
<b>CAS No.:</b>	918505-61-0		
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>18</sub> F <sub>2</sub> N <sub>4</sub> O <sub>3</sub> S		
<b>Molecular Weight:</b>	456.47		
<b>Target:</b>	Raf		
<b>Pathway:</b>	MAPK/ERK Pathway		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 50 mg/mL (109.54 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	<b>Preparing Stock Solutions</b>	<b>1 mM</b>	2.1907 mL	10.9536 mL
		<b>5 mM</b>	0.4381 mL	2.1907 mL
		<b>10 mM</b>	0.2191 mL	1.0954 mL
	Please refer to the solubility information to select the appropriate solvent.			
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (5.48 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.48 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (5.48 mM); Clear solution</li> </ol>			

### BIOLOGICAL ACTIVITY

<b>Description</b>	BRAF inhibitor is a B-Raf inhibitor extracted from patent WO/2011103196 A1, Compound P-0850.
<b>IC<sub>50</sub> &amp; Target</b>	B-Raf

### REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA