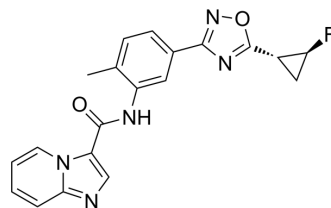


## Labuxtinib

Cat. No.:	HY-156619		
CAS No.:	1426449-01-5		
Molecular Formula:	C <sub>20</sub> H <sub>16</sub> FN <sub>5</sub> O <sub>2</sub>		
Molecular Weight:	377.37		
Target:	c-Kit		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (331.24 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6499 mL	13.2496 mL	26.4992 mL
	5 mM	0.5300 mL	2.6499 mL	5.2998 mL
	10 mM	0.2650 mL	1.3250 mL	2.6499 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Labuxtinib is c-kit tyrosine kinase inhibitor<sup>[1]</sup>.

### REFERENCES

[1]. Yeh Vince, et al. Imidazopyridine compounds and compositions as c-kit kinase inhibitors and their preparation. World Intellectual Property Organization, WO2013033070 A1. 2013-03-07.

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

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