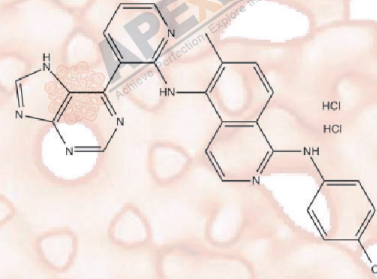


Product Data Sheet

B-Raf inhibitor 1 dihydrochloride

Cat. No.: B1173
CAS No.: 1191385-19-9
Formula: C₂₆H₂₁Cl₃N₈
M.Wt: 551.86
Synonyms:
Target: MAPK Signaling
Pathway: Raf
Storage: Store at -20°C



Solvent & Solubility

≥53.9 mg/mL in DMSO; ≥4.04 mg/mL in EtOH with ultrasonic; insoluble in H₂O

In Vitro

Preparing	Solvent	Mass		
		1mg	5mg	10mg
Stock Solutions	Concentration			
	1 mM	1.8121 mL	9.0603 mL	18.1205 mL
	5 mM	0.3624 mL	1.8121 mL	3.6241 mL
	10 mM	0.1812 mL	0.9060 mL	1.8121 mL

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

Biological Activity

Shortsummary

B-Raf inhibitor, potent and selective

IC₅₀ & Target

0.31 μM (A375 proliferation), 2 nM (A375 p-ERK)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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