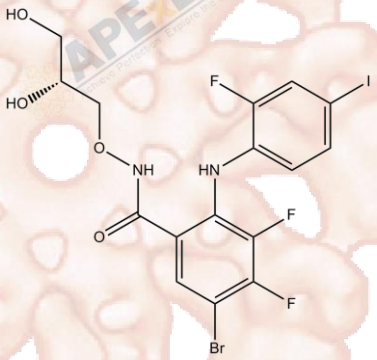
Product Data Sheet

PD318088



Cat. No.:	A5707
CAS No.:	391210-00-7
Formula:	C16H13BrF3IN2O4
M.Wt:	561.09
Synonyms:	
Target:	MAPK Signaling
Pathway:	MEK1/2
Storage:	Store at -20°C

Solvent & Solubility

In Vitro

⩾28.05 mg/mL in DMSO; insoluble in H2O; ⩾7.36 mg/mL in EtOH with ultrasonic

Preparing Stock Solutions

Mass / Solvent / Concentration	1mg	5mg	10mg
1 mM	1.7822 mL	8.9112 mL	17.8225 mL
5 mM	0.3564 mL	1.7822 mL	3.5645 mL
10 mM	0.1782 mL	0.8911 mL	1.7822 mL

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

Biological Activity

Shortsummary	Allosteric MEK1/2 inhibitor, non-ATP competitive
IC_{50} & Target	
In Vitro	**Cell Viability Assay**
	Preparation method：
In Vivo	**Animal experiment**
	Applications:

Product Citations

1. White SM, Avantaggiati ML, et al. "YAP/TAZ Inhibition Induces Metabolic and Signaling Rewiring Resulting in Targetable Vulnerabilities in NF2-Deficient Tumor Cells." Dev Cell. 2019 May 6;49(3):425-443.e9.PMID:31063758

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.

APExBIO Technology
www.apexbt.com
7505 Fannin street, Suite 410, Houston, TX 77054.
Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com