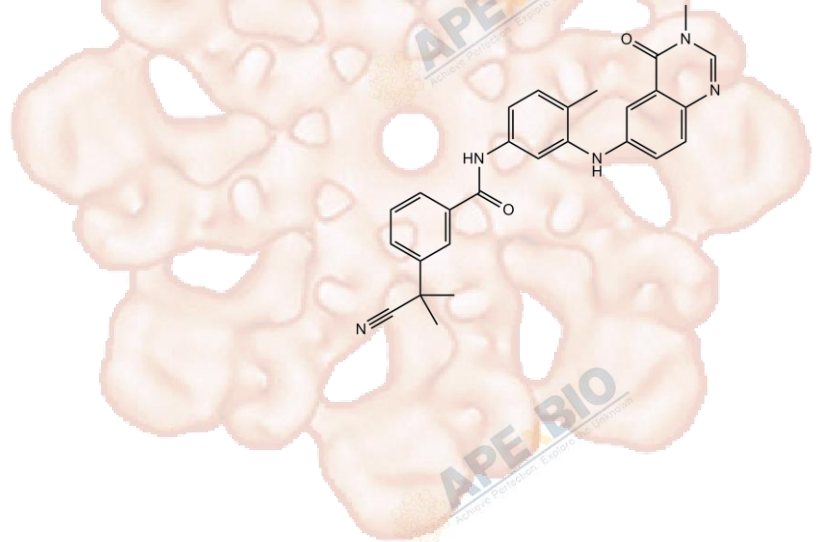


Product Data Sheet

AZ 628

Cat. No.:	A8371
CAS No.:	878739-06-1
Formula:	C27H25N5O2
M.Wt:	451.53
Synonyms:	AZ-628; AZ628
Target:	MAPK Signaling
Pathway:	Raf
Storage:	Store at -20°C



Solvent & Solubility

≥22.6 mg/mL in DMSO; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	2.2147 mL	11.0735 mL	22.1469 mL
		5 mM	0.4429 mL	2.2147 mL	4.4294 mL
		10 mM	0.2215 mL	1.1073 mL	2.2147 mL

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

Biological Activity

Shortsummary

Raf kinases,potent and ATP-competitive

IC₅₀ & Target

29 nM (C-Raf-1), 34 nM (B-Raf (V600E)), 105 nM (B-Raf)

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 APEX BIO 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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