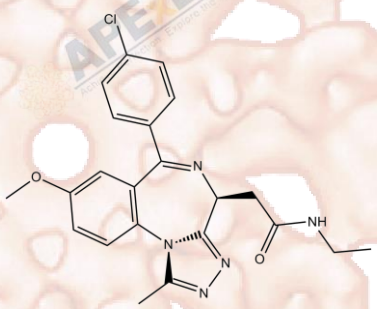
Product Data Sheet

I-BET-762



Cat. No.:	B1498
CAS No.:	1260907-17-2
Formula:	C22H22ClN5O2
M.Wt:	423.9
Synonyms:	
Target:	Chromatin/Epigenetics
Pathway:	Bromodomain
Storage:	Store at -20°C

Solvent & Solubility

In Vitro

⩾21.19 mg/mL in DMSO; insoluble in H2O; ⩾13.93 mg/mL in EtOH with ultrasonic

Preparing Stock Solutions

Mass / Solvent / Concentration	1mg	5mg	10mg
1 mM	2.3590 mL	11.7952 mL	23.5905 mL
5 mM	0.4718 mL	2.3590 mL	4.7181 mL
10 mM	0.2359 mL	1.1795 mL	2.3590 mL

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

Biological Activity

Shortsummary	BET inhibitor,highly potent
IC_{50} & Target	32.5–42.5 nM (BET)
In Vitro	**Cell Viability Assay**
	Preparation method：
In Vivo	**Animal experiment**
	Applications:

Product Citations

1. Yang R, Wu Y, et al. "A super-enhancer maintains homeostatic expression of Regnase-1." Gene. 2018 May 16. pii: S0378-1119(18)30542-0.PMID:29777912
2. Kim SR, Lewis JM, et al. "BET inhibition in advanced cutaneous T cell lymphoma is synergistically potentiated by BCL2 inhibition or HDAC inhibition." Oncotarget. 2018 Jun 26;9(49):29193-29207.PMID:30018745
3. Fontanals-Cirera B, Hasson D, et al. "Harnessing BET Inhibitor Sensitivity Reveals AMIGO2 as a Melanoma Survival Gene." Mol Cell. 2017 Nov 16;68(4):731-744.e9.PMID:29149598
4. Ronald M. Evans,Michael Downes,et al. "Increasing storage of vitamin a, vitamin d and/or lipids." US Patent App. 15, 2016.

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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