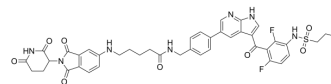


## PROTAC BRAF-V600E degrader-2

Cat. No.:	HY-137488
CAS No.:	2417296-82-1
Molecular Formula:	C <sub>42</sub> H <sub>39</sub> F <sub>2</sub> N <sub>7</sub> O <sub>8</sub> S
Molecular Weight:	839.86
Target:	PROTACs; Raf
Pathway:	PROTAC; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	PROTAC BRAF-V600E degrader-2 (compound 12) is a potent BRAF-V600E degrader with K <sub>d</sub> s of 14.4 nM and 9.5 nM for BRAF and BRAF-V600E, respectively. PROTAC BRAF-V600E degrader-2 selectively degraded the kinase domain of BRAF-V600E but not the wild-type BRAF. PROTAC BRAF-V600E degrader-2 inhibits melanoma cell growth <sup>[1]</sup> .		
<b>IC<sub>50</sub> &amp; Target</b>	BRAF-V600E 9.5 nM (Kd)	Braf 14.4 nM (Kd)	Cereblon

### REFERENCES

[1]. Xiao-Ran Han, et al. Discovery of Selective Small Molecule Degradors of BRAF-V600E. J Med Chem. 2020 Apr 23;63(8):4069-4080.

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

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