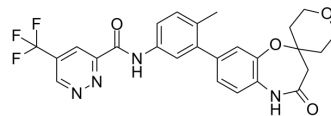


SHR902275

Cat. No.:	HY-144269
CAS No.:	2695506-82-0
Molecular Formula:	C ₂₆ H ₂₃ F ₃ N ₄ O ₄
Molecular Weight:	512.48
Target:	Raf
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SHR902275 is a potent, selective, and orally active RAF inhibitor targeting RAS mutant cancers. SHR902275 has IC ₅₀ s of 1.6 nM, 10 nM, and 5.7 nM for cRAF, bRAF ^{WT} , and bRAF ^{V600E} , respectively. SHR902275 shows cell growth inhibition with GI ₅₀ s of 1.5 and 0.17 nM, 0.4 nM and 0.32 nM for H358, A375, Calu6, and SK-MEL2 cells respectively ^[1] .		
IC₅₀ & Target	c-Raf 1.6 nM (IC ₅₀)	BRAF ^{V600E} 5.7 nM (IC ₅₀)	BRAF ^{WT} 10 nM (IC ₅₀)

REFERENCES

[1]. Zhao P, et al. Discovery of spiro amide SHR902275: A potent, selective, and efficacious RAF inhibitor targeting RAS mutant cancers. *Eur J Med Chem.* 2022;228:114040.

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

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