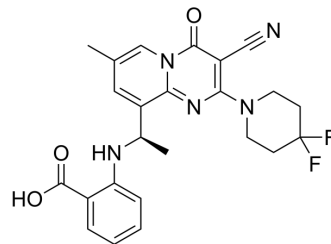


PI3K α -IN-22

Cat. No.:	HY-161373
CAS No.:	2925030-26-6
Molecular Formula:	C ₂₄ H ₂₃ F ₂ N ₅ O ₃
Molecular Weight:	467.47
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PI3K α -IN-22 (Compound 17) is an orally active, potent and selective inhibitor of PI3K α ^{H1047R}, with an IC₅₀ of 1 nM for pAKT T47D AlphaLISA. PI3K α -IN-22 can induce tumor regressions in the HCC1954 tumor model in mice^[1].

REFERENCES

[1]. Ketcham JM, et al. Discovery of Pyridopyrimidinones that Selectively Inhibit the H1047R PI3K α Mutant Protein. J Med Chem. 2024 Mar 28;67(6):4936-4949.

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

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