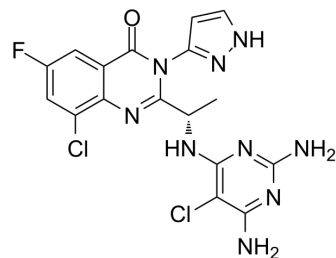


PI3K-IN-6

Cat. No.:	HY-101115
CAS No.:	1842380-77-1
Molecular Formula:	C ₁₇ H ₁₄ Cl ₂ FN ₉ O
Molecular Weight:	450.26
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PI3K-IN-6 (compound 20a) is an oral active and highly selective phosphoinositide 3-kinase (PI3K) β/δ inhibitor, with IC ₅₀ values of 7.8 nM/5.3 nM for PI3K β/δ , respectively. PI3K-IN-6 (compound 20a) has potential to treat phosphatase and tensin homolog (PTEN) deficient tumors ^[1] .		
IC₅₀ & Target	PI3K β 7.8 nM (IC ₅₀)	PI3K δ 5.3 nM (IC ₅₀)	PI3K α 850 nM (IC ₅₀)

REFERENCES

[1]. Perreault S, et al. Discovery of a Phosphoinositide 3-Kinase (PI3K) β/δ Inhibitor for the Treatment of Phosphatase and Tensin Homolog (PTEN) Deficient Tumors: Building PI3K β Potency in a PI3K δ -Selective Template by Targeting Nonconserved Asp856. *J Med Chem.* 2017 Feb 23;60(4):1555-1567.

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

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