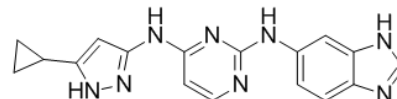


Product Name : APY29
Cat. No. : PC-45337
CAS No. : 1216665-49-4
Molecular Formula : C₁₇H₁₆N₈
Molecular Weight : 332.3625
Target : IRE1
Solubility : DMSO: 10 mg/mL



Biological Activity

APY29 is an allosteric modulator of **IRE1 α** that inhibits IRE1 α autophosphorylation with IC₅₀ of 280 nM and activates IRE1 α RNase activity.

APY29 divergently affects IRE1 α oligomerization, demonstrates opposing dose-dependent effects on ER stress-induced activation of the RNase of endogenous IRE1 α .

References

Wang L, et al. *Nat Chem Biol*. 2012 Dec;8(12):982-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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