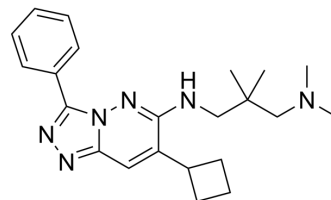


Akt1-IN-2

Cat. No.:	HY-16032
CAS No.:	473382-39-7
Molecular Formula:	C ₂₂ H ₃₀ N ₆
Molecular Weight:	378.51
Target:	Akt
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AKT-I-1 is a selective inhibitor of Akt1, with an IC ₅₀ of 4.6 μM ^[1] .		
IC ₅₀ & Target	Akt1 4.6 μM (IC ₅₀)	Akt2 >250 μM (IC ₅₀)	Akt3 >250 μM (IC ₅₀)

REFERENCES

[1]. Barnett SF, et al. Identification and characterization of pleckstrin-homology-domain-dependent and isoenzyme-specific Akt inhibitors. *Biochem J.* 2005 Jan 15;385(Pt 2):399-408.

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

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