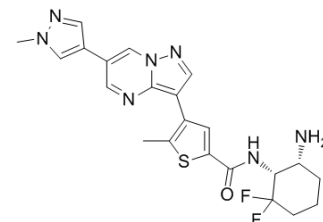


MARK-IN-1

Cat. No.:	HY-101933
CAS No.:	1109283-93-3
Molecular Formula:	C ₂₂ H ₂₃ F ₂ N ₇ OS
Molecular Weight:	471.53
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	MARK-IN-1 is a potent microtubule affinity regulating kinase (MARK) inhibitor with an IC ₅₀ of <0.25 nM.
IC ₅₀ & Target	IC ₅₀ : <0.25 nM (MARK) ^[1]
In Vitro	MARK-IN-1 (Compound 25) is a potent MARK inhibitor. Inhibition of MARK represents a potentially attractive means of arresting neurofibrillary tangle pathology in Alzheimer's disease ^[1] .

REFERENCES

[1]. Sloman DL, et al. Optimization of microtubule affinity regulating kinase (MARK) inhibitors with improved physical properties. *Bioorg Med Chem Lett*. 2016 Sep 1;26(17):4362-6.

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

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