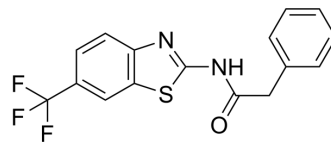


Casein kinase 1δ-IN-5

Cat. No.:	HY-153904
CAS No.:	1579991-10-8
Molecular Formula:	C ₁₆ H ₁₁ F ₃ N ₂ OS
Molecular Weight:	336.33
Target:	Casein Kinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Casein kinase 1δ-IN-5 is a potent and selective protein kinase CK-1δ inhibitor with an IC ₅₀ of 47 nM. Casein kinase 1δ-IN-5 shows neuroprotective and anti-inflammatory properties both in vitro. Casein kinase 1δ-IN-5 has the potential for neurodegenerative diseases research.
IC ₅₀ & Target	CK1δ 47 nM (IC ₅₀)

REFERENCES

[1]. José A Morales-Garcia, et al. Biological and Pharmacological Characterization of Benzothiazole-Based CK-1δ Inhibitors in Models of Parkinson's Disease. ACS Omega

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

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