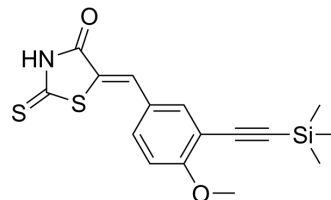


FINDY

Cat. No.:	HY-152183
CAS No.:	1507367-37-4
Molecular Formula:	C ₁₆ H ₁₇ NO ₂ S ₂ Si
Molecular Weight:	347.53
Target:	DYRK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FINDY is a folding intermediate-selective inhibitor of DYRK1A. FINDY can inhibit Ser97 autophosphorylation with an IC ₅₀ value of 35 μM. FINDY can be used for the research of neurological disorder ^[1] . FINDY is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC₅₀ & Target	IC ₅₀ : 35 μM (Ser97 autophosphorylation) ^[1]
In Vitro	FINDY (Compound 1) inhibits Ser97 autophosphorylation with an IC ₅₀ value of 35 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yuka Miyazaki, et al. Structure-activity relationship for the folding intermediate-selective inhibition of DYRK1A. Eur J Med Chem. 2022 Jan 5;227:113948.

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

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