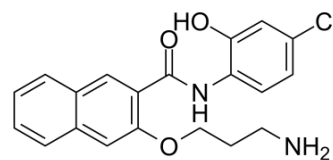


653-47

Cat. No.:	HY-134598
CAS No.:	1224678-75-4
Molecular Formula:	C ₂₀ H ₁₉ ClN ₂ O ₃
Molecular Weight:	370.83
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	653-47, a potentiator, significantly potentiates the cAMP-response element binding protein (CREB) inhibitory activity of 666-15. 653-47 is also a very weak CREB inhibitor with IC ₅₀ of 26.3 μM ^[1] .
In Vitro	653-47 (5-10 μM) synergistically inhibits CREB-mediated gene transcription with 666-15 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Xie F, et al. Discovery of a Synergistic Inhibitor of cAMP-Response Element Binding Protein (CREB)-Mediated Gene Transcription with 666-15. J Med Chem. 2019;62(24):11423-11429.

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

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