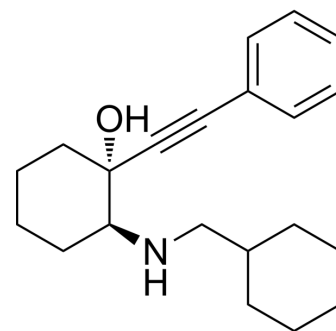


BB 0305179

Cat. No.:	HY-147702
CAS No.:	2512200-83-6
Molecular Formula:	C ₂₁ H ₂₉ NO
Molecular Weight:	311.46
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BB 0305179 (compound 59) is a potent anti-prion agent, with an IC ₅₀ of 4.7 μM. BB 0305179 inhibits the toxicity of a specific PrP mutant carrying a deletion in the hydrophobic domain [1]. BB 0305179 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 : 4.7 ± 1.9 μM (PrP ^{Sc})[1]

REFERENCES

[1]. Altieri A, et al. Generation, optimization and characterization of novel anti-prion compounds. *Bioorg Med Chem*. 2020 Nov 1;28(21):115717.

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

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