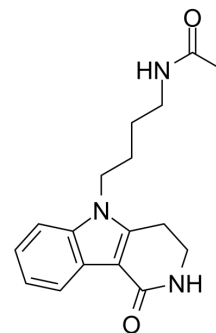


Olinone

Cat. No.:	HY-100670
CAS No.:	1770789-37-1
Molecular Formula:	C ₁₇ H ₂₁ N ₃ O ₂
Molecular Weight:	299.37
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Olinone is a selective BRD4 BrD1 inhibitor^[1]. Olinone accelerates the progression of mouse primary oligodendrocyte progenitors toward differentiation^[2].

REFERENCES

[1]. Rodríguez Y, et al. In silico design and molecular basis for the selectivity of Olinone toward the first over the second bromodomain of BRD4. *Proteins*. 2020 Mar;88(3):414-430.

[2]. Gacias M, et al. Selective chemical modulation of gene transcription favors oligodendrocyte lineage progression. *Chem Biol*. 2014 Jul 17;21(7):841-854.

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

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