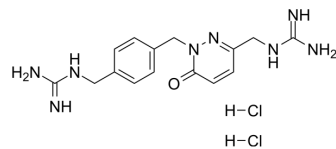


DNA crosslinker 3 dihydrochloride

Cat. No.:	HY-144336
CAS No.:	2761734-21-6
Molecular Formula:	C ₁₅ H ₂₂ Cl ₂ N ₈ O
Molecular Weight:	401.29
Target:	DNA Alkylator/Crosslinker
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DNA crosslinker 3 (dihydrochloride) (compound 1) is a potent DNA minor groove binder with DNA binding affinity (ΔT_m) of 1.4 °C. DNA crosslinker 3 (dihydrochloride) can be used for researching anticancer ^[1] .
IC ₅₀ & Target	DNA ^[1]

REFERENCES

[1]. Costas-Lago MC, et al. Novel Pyridazin-3(2H)-one-Based Guanidine Derivatives as Potential DNA Minor Groove Binders with Anticancer Activity. ACS Med Chem Lett. 2022;13(3):463-469. Published 2022 Feb 10.

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

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