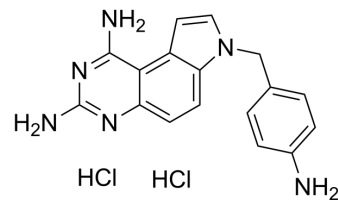


NSC309401 dihydrochloride

Cat. No.:	HY-156859
CAS No.:	77681-42-6
Molecular Formula:	C ₁₇ H ₁₈ Cl ₂ N ₆
Molecular Weight:	377.27
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NSC309401 is an inhibitor of E. coli DHFR (IC ₅₀ : 189 nM, K _D : 14.57 nM) ^[1] .
IC ₅₀ & Target	189 nM (E. coli DHFR) ^[1]

REFERENCES

[1]. Srinivasan B, et al. Insights into the slow-onset tight-binding inhibition of Escherichia coli dihydrofolate reductase: detailed mechanistic characterization of pyrrolo [3,2-f] quinazoline-1,3-diamine and its derivatives as novel tight-binding inhibitors. FEBS J. 2015 May;282(10):1922-38.

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

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