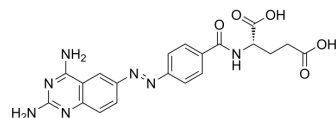


Phototrexate

Cat. No.:	HY-149459A
CAS No.:	2268033-83-4
Molecular Formula:	C ₂₀ H ₁₉ N ₇ O ₅
Molecular Weight:	437.41
Target:	Dihydrofolate reductase (DHFR)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Phototrexate is a photoswitchable inhibitor of the human dihydrofolate reductase (DHFR). Phototrexate has antifolate and antiproliferative properties, which can be used for the research of cancer^[1].

REFERENCES

[1]. Matera C, et al. Photoswitchable Antimetabolite for Targeted Photoactivated Chemotherapy. *J Am Chem Soc.* 2018 Nov 21;140(46):15764-15773.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA