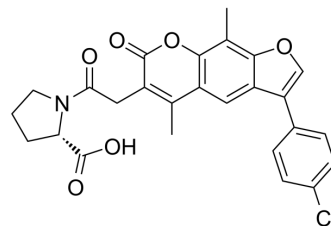


Targocil-II

Cat. No.:	HY-160519		
CAS No.:	955918-74-8		
Molecular Formula:	C ₂₆ H ₂₂ ClNO ₆		
Molecular Weight:	479.91		
Target:	Bacterial; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Targocil-II (Compound 2) is an ABC transporter inhibitor with a IC₅₀ value of 137 nM. Targocil-II prevents ATP hydrolysis by binding to allosteric sites of the TM domain. Targocil-II has (antibacterial) activity^[1].

REFERENCES

[1]. Matano LM, et al. Antibiotic That Inhibits the ATPase Activity of an ATP-Binding Cassette Transporter by Binding to a Remote Extracellular Site. *J Am Chem Soc.* 2017 Aug 9;139(31):10597-10600.

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