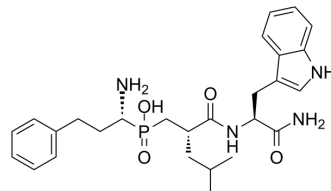


DG013A

Cat. No.:	HY-139907
CAS No.:	2007955-07-7
Molecular Formula:	C ₂₇ H ₃₇ N ₄ O ₄ P
Molecular Weight:	512.58
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DG013A is a phosphinic acid tripeptide mimetic inhibitor. DG013A displays significantly weak affinity for both ERAP1 (IC₅₀ = 33 nM) and ERAP2 (IC₅₀ = 11 nM). DG013A can be used for the research of autoimmune disease and cancer^[1].

REFERENCES

[1]. Birgit Wilding, et al. Investigating the phosphinic acid tripeptide mimetic DG013A as a tool compound inhibitor of the M1-aminopeptidase ERAP1. *Bioorg Med Chem Lett.* 2021 Jun 15;42:128050.

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