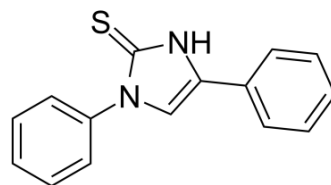


KRM-III

Cat. No.:	HY-136427
CAS No.:	79220-94-3
Molecular Formula:	C ₁₅ H ₁₂ N ₂ S
Molecular Weight:	252.33
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

KRM-III is a potent and orally active T-cell antigen receptor (TCR) inhibitor. KRM-III inhibits TCR- and phorbol myristate acetate/ionomycin-induced activation of nuclear factor of activated T cells (NFAT) and T-cell proliferation with an IC₅₀ of ~5 μM. Anti-inflammatory activity^[1].

REFERENCES

[1]. Eun Joo Jung, et al. Oral administration of 1,4-aryl-2-mercaptoimidazole inhibits T-cell proliferation and reduces clinical severity in the murine experimental autoimmune encephalomyelitis model. *J Pharmacol Exp Ther.* 2009 Dec;331(3):1005-13.

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