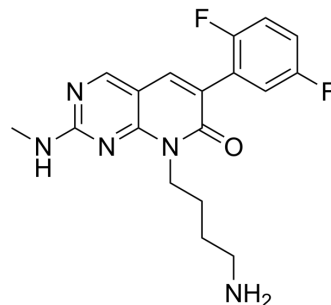


MR22

Cat. No.:	HY-149075
Molecular Formula:	C ₁₈ H ₁₉ F ₂ N ₅ O
Molecular Weight:	359.37
Target:	Salt-inducible Kinase (SIK)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MR22 is a potent pan-SIK (salt-inducible kinase) inhibitor. MR22 no longer exhibits activity on STE group kinases and displays excellent selectivity in a representative kinase panel. MR22-dependent SIK inhibition led to centrosome dissociation and subsequent cell-cycle arrest in ovarian cancer cells^[1].

REFERENCES

[1]. Marcel Rak, et al. Shifting the selectivity of pyrido[2,3-d]pyrimidin-7(8H)-one inhibitors towards the salt-inducible kinase (SIK) subfamily. *European Journal of Medicinal Chemistry*. Volume 254, 5 June 2023, 115347.

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