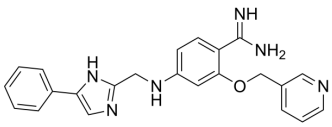
Kallikrein 5-IN-2

Cat. No.:	HY-148949
CAS No.:	2361160-57-6
Molecular Formula:	$C_{23}H_{22}N_6O$
Molecular Weight:	398.46
Target:	Kallikrein
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kallikrein 5-IN-2 (compound 21) is a selective Kallikrein KLK5 inhibitor (pIC_{50}=7.1). KLK5 inhibition may normalise epidermal shedding and reduce the associated inflammation and itching[1].
IC_{50} & Target	Kallikrein 5[1]

REFERENCES

[1]. Walker AL, et al. Structure guided drug design to develop kallikrein 5 inhibitors to treat Netherton syndrome. Bioorg Med Chem Lett. 2019 Jun 15;29(12):1454-1458.

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

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