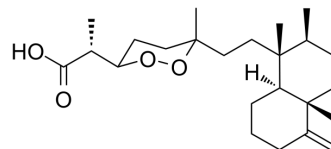


hTRPA1-IN-1

Cat. No.:	HY-N12605
Molecular Formula:	C ₂₄ H ₄₀ O ₄
Molecular Weight:	392.57
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hTRPA1-IN-1 (19), a norterpene cyclic peroxide that can be isolated from the Marine Sponge <i>Diacarnus spinipoculum</i> , is an inhibitor of transient receptor potential Ankyrin 1 (TRPA1), with an IC ₅₀ of 2 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2 μM (TRPA1) ^[1] .

REFERENCES

[1]. Yeonwoo Cho, et al. Norterpene Cyclic Peroxides from the Marine Sponge *Diacarnus spinipoculum*, Inhibitors of Transient Receptor Potential Ankyrin 1. *J Nat Prod.* 2024 Feb 23;87(2):358-364.

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