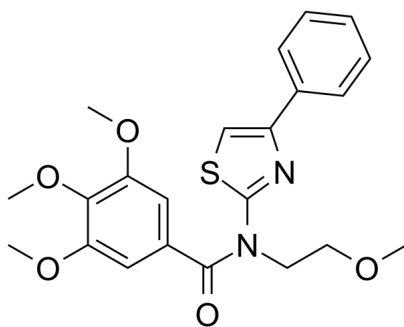


Data Sheet

Product Information

Catalog Number	BP16004
Product Name	Eact
Description	Eact is a selective and potent TMEM16A activator. It directly activates the TRPV1 channels in sensory nociceptors. Which also produces itch, acute nociception and thermal hypersensitivity.
In vitro	Eact activates membrane currents in mTRPV1-expressing HEK293T cells in a concentration-dependent manner (EC ₅₀ : 11.6 ± 2.5 µM). Eact induces both itch-and pain- related behaviours in a TRPV1-dependent manner. TMEM16A activator Eact activates both native and recombinant TRPV1 channels.
CAS No.	461000-66-8
Chemical Formula	C ₂₂ H ₂₄ N ₂ O ₅ S
Molecular Weight	428.5
Solubility	DMSO: 50 mg/mL (116.69 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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