

Corza6 TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Corza6 TFA is a potent and selective peptide inhibitor of the human voltage-gated proton channel (hHv1). It binds to the external voltage-sensor domain (VSD) loop of hHv1 with a dissociation constant (Kd) of approximately 1 nM under the native hyperpolarized resting membrane potential (RMP) of mammalian cells. Additionally, Corza6 TFA induces sperm capacitation and enables continuous reactive oxygen species (ROS) production in white blood cells (WBC).
Targets(IC50)	Proton pump,ROS

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481