

## ShK-Dap22 TFA

## Chemical Properties

CAS No. :

Formula: C168H269F3N54O50S7

Molecular Weight:

Keep away from moisture

Storage: 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	ShK-Dap22 TFA is a potent and specific Kv1.3 immunosuppressive polypeptide. It acts as a selective Kv1.3 channel blocker, exhibiting IC50 values of 23 pM for mKv1.3, 1.8 nM for mKv1.1, 10.5 nM for hKv1.6, 37 nM for mKv1.4, and 39 nM for rKv1.2 channels.
Targets(IC50)	Others
In vitro	ShK-Dap22 effectively inhibits T cell activation in vitro. At subnanomolar levels, ShK-Dap22 reduces [ <sup>3</sup> H]thymidine incorporation in anti-CD3 stimulated human T-lymphocytes in vitro.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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