

MS7710

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	MS7710 is a brain-penetrant inhibitor of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels. It reduces Ih current by inhibiting HCN channels, thereby decreasing the activity of dopamine neurons in the ventral tegmental area (VTA). MS7710 effectively improves social interaction deficits and reward-related cognitive flexibility in mouse models of chronic social defeat stress (CSDS) and shows promise for depression research.
Targets(IC50)	HCN Channel

**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