

# ML277

**Catalog No: tcsc3353**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

1401242-74-7

**Formula:**

$C_{23}H_{25}N_3O_4S_2$

**Pathway:**

Membrane Transporter/Ion Channel

**Target:**

Potassium Channel

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq$  56 mg/mL (118.75 mM)

**Alternative Names:**

CID-53347902

**Observed Molecular Weight:**

471.59

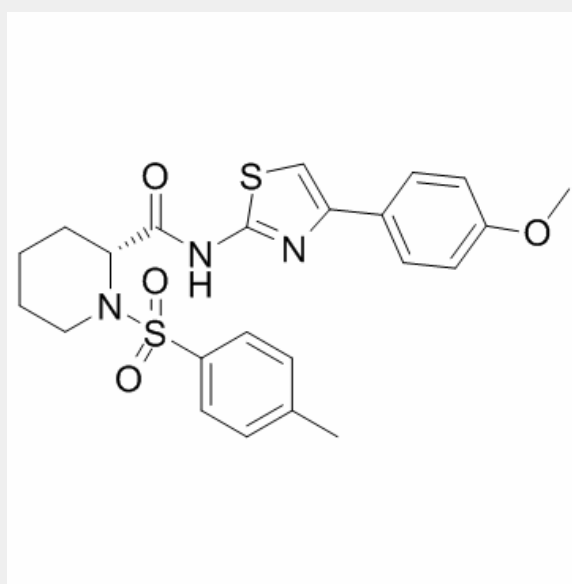
## Product Description

ML277(CID53347902) is a novel, potent and selective K(v)7.1 (KCNQ1) potassium channel activator with EC50 of 270 nM.

IC50 value: 270 nM (EC50) [1]

Target: K(v)7.1 activator

ML277 was shown to be highly selective against other KCNQ channels (>100-fold selectivity versus KCNQ2 and KCNQ4) as well as against the distantly related hERG potassium channel.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!