

# TAK1 / MAP4K2 inhibitor 1

Catalog No: tcsc1099



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

1315330-11-0

**Formula:**

$C_{29}H_{31}F_3N_6O_2$

**Pathway:**

MAPK/ERK Pathway;MAPK/ERK Pathway

**Target:**

MAP3K;MAP4K

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

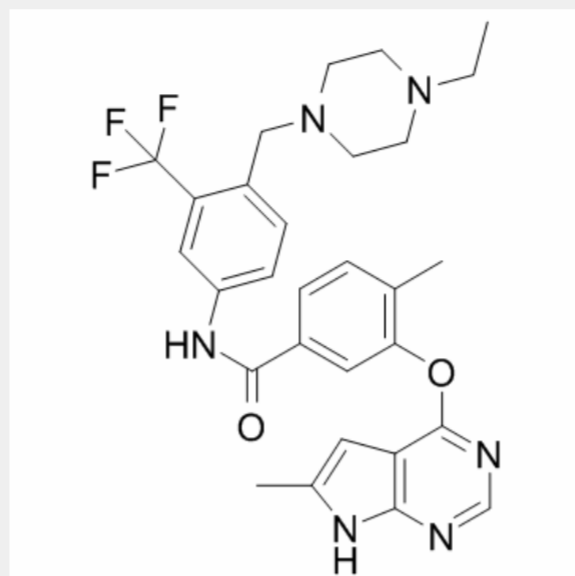
552.59

## Product Description

TAK1/MAP4K2 inhibitor 1 is a potent dual TGFβ-activated kinase 1 (**TAK1**) and mitogen-activated protein kinase kinase kinase kinase 2 (**MAP4K2**) inhibitor, with **IC<sub>50</sub>**s of 41.1 nM and 18.2 nM, respectively.

**In Vivo:**

TAK1/MAP4K2 inhibitor 1 has moderate terminal elimination half-life ( $t_{1/2}$ =2.94 h for mice (1 mg/kg, iv))<sup>[1]</sup>.



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