

# BAMB-4

Catalog No: tcsc3226



## Available Sizes

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

891025-25-5

**Formula:**

$C_{15}H_{12}N_2O_2$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 40$  mg/mL (158.56 mM)

**Alternative Names:**

ITPKA-IN-C14

**Observed Molecular Weight:**

252.27

## Product Description

BAMB-4(ITPKA-IN-C14) is a new membrane-permeable inhibitor against inositol-1,4,5-trisphosphate-3-kinase A(ITPKA) with IC50 of 37  $\mu$ M in ADP-Glo Assay.

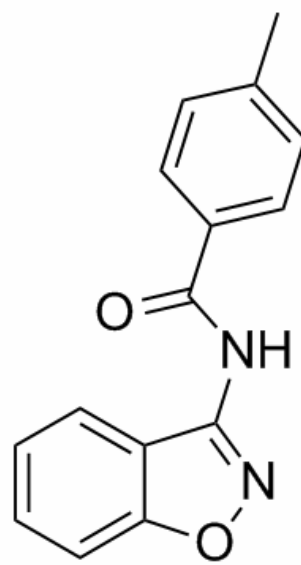
IC50 value: 37  $\mu$ M

Target: ITPKA inhibitor

BAMB-4 exhibit the lowest inhibition frequency among the InsP3- Kinase inhibitors. only in one from 42 targets tested, BAMB-4 showed an inhibitory effect. Noteworthy, in kinase screens no targets of BAMB-4 were detected, indicating that the compound does not belong to the typical kinase inhibitors. Thus, the relative high specificity and the high cellular uptake of

BAMB-4 now for the rst provide the possibility to effectively inhibit InsP3kinase in vivo. e InsP3Kinase activity is essentially involved in ITPKA promoted metastasis of lung cancer cells, BAMB-4 is a promising therapeutic approach in lung cancer

therapy.



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