

# Bioymifi

Catalog No: tcsc3128



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

1420071-30-2

**Formula:**

$C_{22}H_{12}BrN_3O_4S$

**Pathway:**

Apoptosis

**Target:**

TNF Receptor

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 23.5 mg/mL (47.54 mM; Need ultrasonic and warming)

**Alternative Names:**

DR5 Activator

**Observed Molecular Weight:**

494.32

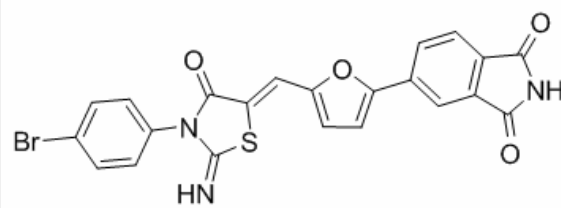
**Product Description**

Bioymifi(DR5 Activator) is the first novel and potent small-molecule activation of the TRAIL receptor DR5 in human cancer cells.

IC50 value:

Target:

In comparison with A2C2, bioymifi was able to promote cell death without the need for the Smac mimetic in T98G cells. Notably, at a 10- $\mu$ M concentration, bioymifi induced processing of caspase-3 into smaller fragments. Z-VAD inhibited these caspase-mediated cleavages. caspase-3 was rapidly activated as early as 2 h after bioymifi treatment of T98G cells. The caspase-3 activity was markedly increased after 8 h of treatment. Bioymifi induces caspase-8-dependent apoptosis.



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