

# TIC10 isomer

## Catalog No: tcsc1738



### Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



### Specifications

**CAS No:**

41276-02-2

**Formula:**

$C_{24}H_{26}N_4O$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

ONC201 isomer

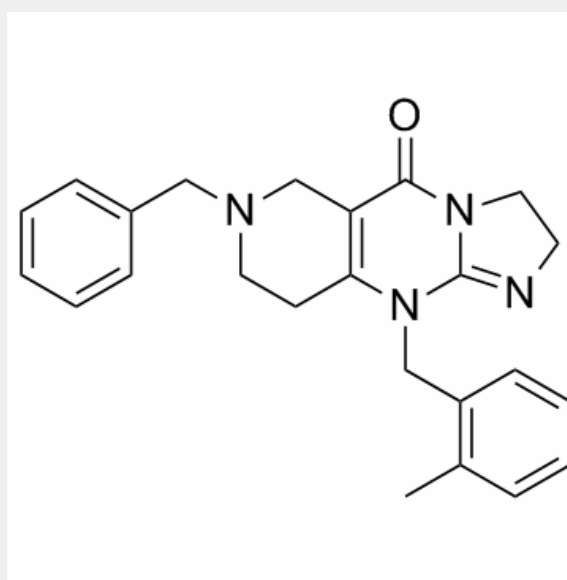
**Observed Molecular Weight:**

386.49

## Product Description

TIC10 isomer is the isomer of TIC10. TIC10 isomer does not possess the reported biological activity of inducing TRAIL expression.

***In Vitro:*** TRAIL (TNF related apoptosis inducing ligand) is a cytokine that kills cancer cells but shows no toxicity against normal cells. Active pharmaceutical ingredient TIC-10 (TRAIL inducing compound 10) (Compound 3a), is an anticancer drug first reported in a 1973 patent. The structure of TIC10 3a had been mis-assigned as TIC10 isomer (Compound 3b) in the initial patent. Subsequent synthesis of the originally reported structure by an alternate route shows TIC10 isomer (Compound 3b) does not possess the reported biological activity of inducing TRAIL expression<sup>[1]</sup>.



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