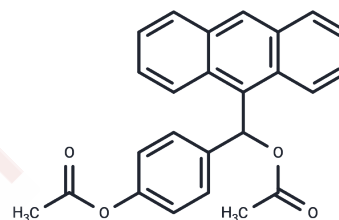


TM-233

## Chemical Properties

CAS No. : 1103745-28-3  
 Formula: C<sub>25</sub>H<sub>20</sub>O<sub>4</sub>  
 Molecular Weight: 384.42  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	TM-233 is an inhibitor of both JAK/STAT and proteasome activities that acts by inducing cell death in myeloma cells.
Targets(IC50)	Bcl-2 Family,Others,NF-κB,STAT,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6013 mL	13.0066 mL	26.0132 mL
5 mM	0.5203 mL	2.6013 mL	5.2026 mL
10 mM	0.2601 mL	1.3007 mL	2.6013 mL
50 mM	0.052 mL	0.2601 mL	0.5203 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Sagawa M, Tabayashi T, Kimura Y, Tomikawa T, Nemoto-Anan T, Watanabe R, Tokuhira M, Ri M, Hashimoto Y, Iida S, Kizaki M. TM-233, a novel analog of 1'-acetoxychavicol acetate, induces cell death in myeloma cells by inhibiting both JAK/STAT and proteasome activities. *Cancer Sci.* 2015 Apr;106(4):438-46. doi: 10.1111/cas.12616. Epub 2015 Mar 10. PubMed PMID: 25613668; PubMed Central PMCID: PMC4409888.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481