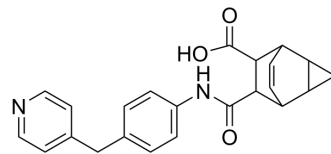


TI17

Cat. No.:	HY-Q04764		
CAS No.:	1005178-02-8		
Molecular Formula:	C ₂₃ H ₂₂ N ₂ O ₃		
Molecular Weight:	374.43		
Target:	Thyroid Hormone Receptor; Apoptosis		
Pathway:	Vitamin D Related/Nuclear Receptor; Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

TI17 is an inhibitor of the thyroid hormone receptor-interacting protein Trip13 and has anticancer activity. TI17 effectively inhibits multiple myeloma (MM) cell proliferation and induces cell cycle arrest and apoptosis. Trip13 is an AAA-ATPase that mediates double-strand break (DSB) repair; TI17 inhibits Trip13 function and increases DNA damage^[1].

IC₅₀ & Target

Thyroid hormone receptor interacting protein 13 (Trip13)^[1]

REFERENCES

[1]. Chang S et al. TI17, a novel compound, exerts anti-MM activity by impairing Trip13 function of DSBs repair and enhancing DNA damage. Cancer Med. 2023 Nov 9.

Caution: Product has not been fully validated for medical applications. For research use only.

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