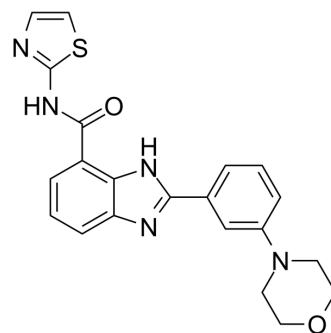


SRTCX1002

Cat. No.:	HY-114981
CAS No.:	1203479-63-3
Molecular Formula:	C ₂₁ H ₁₉ N ₅ O ₂ S
Molecular Weight:	405.47
Target:	Sirtuin
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SRTCX1002 is a potent activator of SIRT1 (STAC), suppresses inflammatory responses through promotion of p65 deacetylation and inhibition of NF-κB Activity. SRTCX1002 suppresses stimuli-induced NF-κB transcriptional activation and LPS-induced TNFα secretion with IC₅₀s of 0.71 and 7.58 μM, respectively^[1].

REFERENCES

[1]. Hongying Yang, et al. SIRT1 activators suppress inflammatory responses through promotion of p65 deacetylation and inhibition of NF-κB activity. PLoS One. 2012;7(9):e46364.

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

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