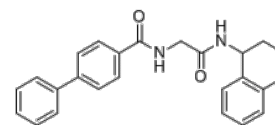


Product Name : TAOK inhibitor 43
Cat. No. : PC-62730
CAS No. : 850467-66-2
Molecular Formula : C₂₅H₂₄N₂O₂
Molecular Weight :
Target : MEKK (MAP3K)
Solubility : 10 mM in DMSO



Biological Activity

TAOK inhibitor 43 (TAOK-IN-1) is a novel potent, selective, ATP-competitive **TAO Kinase (TAOK)** inhibitor with IC₅₀ of 11 and 15 nM against TAOK1 and TAOK2, respectively.

TAOK inhibitor 43 increases the mitotic population, the percentages of mitotic cells displaying amplified centrosomes and multipolar spindles.

TAOK inhibitor 43 induces cell death, and inhibits cell growth in centrosome-amplified SKBR3 or BT549 breast cancer cell models.

References

Koo CY, et al. *Mol Cancer Ther.* 2017 Nov;16(11):2410-2421.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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