

Catalog	Unit
TBI1306-5MG	5 mg
TBI1306-25MG	25 mg

Product Details

Formal Name: 4-[4-[[5-(4,5-Dimethyl-2-nitrophenyl)-2-furanyl]methylene]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzoic acid

Molecular Formula: C₂₄H₁₉N₃O₆

Formula Weight: 445.44

CAS Number: 328968-36-1

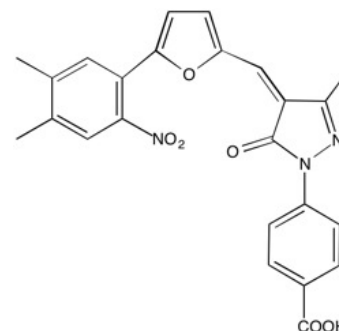
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 10 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

HAT inhibitor

Functions

Potent and selective inhibitor of the histone acetyl transferase p300/CBP (K_i=400 nM). Induces apoptosis in prostate cancer cells. Enhances fear extinction memory and synaptic plasticity in mice. Promotes tau deacetylation reducing levels of pathogenic p-tau. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 2 months.

For research use only.