

Catalog	Unit
TBI1030-5MG	5 mg
TBI1030-25MG	25 mg

Product Details

Formal Name: 3-(Dimethylamino)-N-[3-[(4-hydroxybenzoyl)-amino]-4-methylphenyl]benzamide

Molecular Formula: C₂₃H₂₃N₃O₃

Formula Weight: 389.46

CAS Number: 208260-29-1

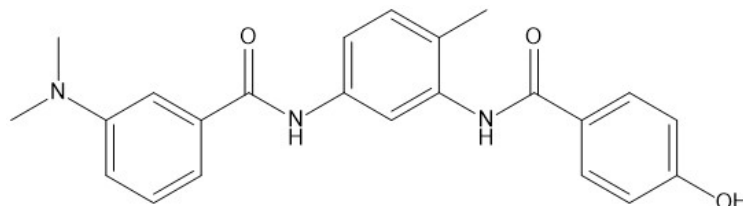
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 50 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

c-Raf inhibitor

Functions

Potent and specific inhibitor of the protein kinase c-Raf (IC₅₀=70nM). Has no significant effect on many other protein kinases tested (even at 50μM) with the exception of p38 (SAPK2α) (IC₅₀=2μM) and SAPK2β (p38β) (IC₅₀=2μM). Induces a paradoxical >100-fold activation of c-Raf in whole cells. Induces apoptosis in a variety of cell lines. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.