

CI-994, HDAC inhibitor

Catalog	Unit
TBI2125-10MG	10 mg
TBI2125-50MG	50 mg

Product Details

Formal Name: 4-(Acetylamino)-N-(2-aminophenyl)benzamide

Alternate Names: PD-123654; N-acetyl-dinaline; GOE-5549

Molecular Formula: C₁₅H₁₅N₃O₂

Formula Weight: 269.30

CAS Number: 112522-64-2

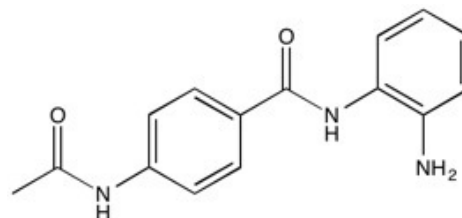
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

HDAC inhibitor

Functions

Orally active histone deacetylase (HDAC) inhibitor, IC₅₀ = 0.9, 0.9, 1.2 and >20 μM for HDAC1, HDAC2, HDAC3 and HDAC8 respectively. Mediates G1 cell cycle arrest, inhibits proliferation and induces apoptosis in vitro and in vivo. Increases neuroplasticity during memory extinction. Protects beta cells from cytokine-induced apoptosis.

Application Procedures

First dissolved in DMSO (up to 25 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.