Catalog No: 14092, 14093
Format: 25 mg, 5 mg

Chemical Properties:
MW = 269.3
C₁₅H₁₅N₃O₂
CAS 112522-64-2

Physical Properties: Off-white powder
Names: N-acetyl-dinaline; 4-(Acetylamino)-N-(2-aminophenyl)benzamide; PD -123654

Pharmacology: Orally active histone deacetylase (HDAC) inhibitor (IC₅₀ = 0.9, 0.9, 1.2, and >20 μM for HDAC1, HDAC2, HDAC3 and HDAC8 respectively) (ref1). Mediates G₁ cell cycle arrest, inhibits proliferation and induces apoptosis in vitro and in vivo (ref 2,3). Increase neuroplasticity during memory extinction (ref 4). Protects beta cells from cytokine-induced apoptosis (ref 4).

Solubilization: May be dissolved in DMSO (25 mg/ml)

Fluorescent Properties: N/A

Quality Control:
>98% (TLC); NMR (Conforms)

References:

Storage and Guarantee: Store desiccated as supplied at -20°C for up to 2 years. Store solutions at -20°C for up to 1 month. This product is guaranteed for 6 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.