

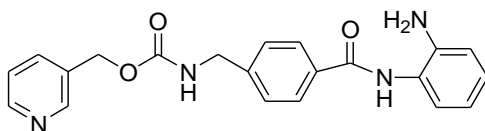


Northeast Business Center

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Certificate of Analysis



Product Name:	MS-275
IUPAC	N-(2-Aminophenyl)-4-[N-(pyridine-3-ylmethoxy-carbonyl)aminomethyl]benzamide
Synonym:	Entinostat, MS-27-275
CAS No:	209783-80-2
Prod. No:	CT-MS275
Lot No:	MS-0AA
Batch Empirical Formula Batch Empirical Wt.	$C_{21}H_{20}N_4O \cdot 0.2H_2O$ 380.0
Solubility	Soluble in DMSO (38.0 mg/ml, 100 mM)
Storage	Store at 0 °C (short term), - 20 °C (long term), desiccated

Appearance	Off-white Crystalline Powder
Quality Control	MS: [✓] 1H NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{21}H_{20}N_4O \cdot 0.2H_2O$ Calculated: C: 66.37%; H: 5.41%; N: 14.74% Found: C: 66.44%; H: 5.41%; N: 14.74%
Chemical Purity	>99% (HPLC at 220 and 254 nm)