

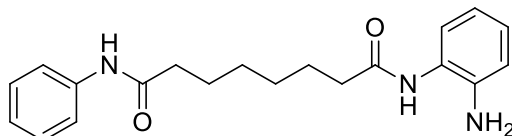
Catalog # 10-2366

BML-210

CAS# 537034-17-6

N1-(2-Aminophenyl)-N8-phenyloctanediamide

Lot # X102403



A novel non-hydroxamic acid HDAC inhibitor. IC_{50} =5-10 μ M (HeLa nuclear extract). Induces growth inhibition, proapoptotic and differentiation effects on human leukemia cell lines.

- 1) Savickiene, *et al.* (2006), *The novel histone deacetylase inhibitor BML-210 exerts growth inhibitory, proapoptotic and differentiation stimulating effects on the human leukemia cell lines.* Eur. J. Pharmacol. **549** 9
- 2) Herman, *et al.* (2006), *Histone deacetylase inhibitors reverse gene silencing in Friedreich's ataxia.* Nature Chem. Biol. **10** 551

PHYSICAL DATA

Molecular Weight:	339.44
Molecular Formula:	C ₂₀ H ₂₅ N ₃ O ₂
Purity:	>98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml), Ethanol (up to 10 mg/ml with warming)
Physical Description:	Tan powder
Storage and Stability:	Store as supplied at 4°C for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO or ethanol can be stored at -20°C for up to 3 months.

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