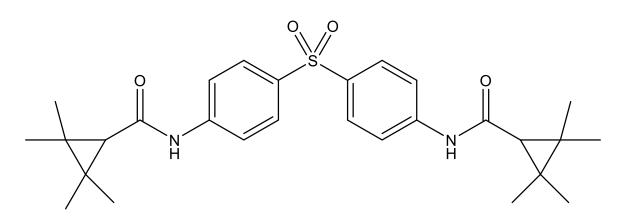


Catalog # 10-1616 BRD 7116

CAS# 329059-55-4 N,N'-(Sulfonyldi-1,4-phenylene)bis[2,2,3,3-tetramethylcyclopropanecarboxamide] Lot # S104008



Inhibits leukemia stem cell (LSC) activity (EC₅₀ = 200 nM). Displays a >100-fold selectivity for LSCs over normal hematopoietic stem cells.¹

1) Hartwell et al. (2013), *Niche-based screening identifies small-molecule inhibitors of leukemia stem cellsl*; Nat. Chem. Biol., **9** 840

PHYSICAL DATA

Molecular Weight:	496.66
Molecular Formula:	$C_{28}H_{36}N_2O_4S$
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 15 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase.
	Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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