

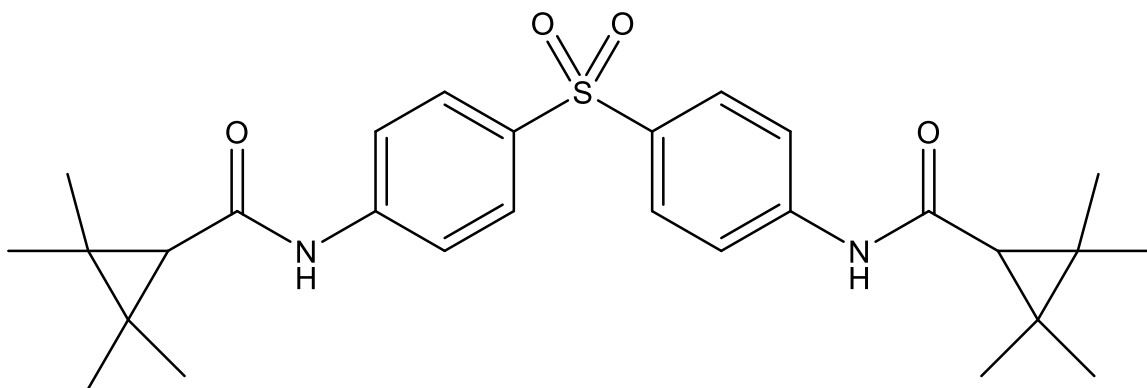
**Catalog # 10-1616**

**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 ( $EC_{50} = 200$  nM). Displays a >100-fold selectivity for LSCs over normal hematopoietic stem cells.<sup>1</sup>

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

#### PHYSICAL DATA

Molecular Weight:	496.66
Molecular Formula:	C <sub>28</sub> H <sub>36</sub> N <sub>2</sub> O <sub>4</sub> S
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.

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