



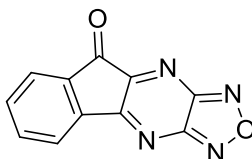
Catalog # 10-1356

SMER3

CAS# 67200-34-4

9*H*-Indeno[1,2-*e*][1,2,5]oxadiazolo[3,4-*b*]pyrazin-9-one

Lot # X104277



Small Molecule Enhancer of Rapamycin 3 (SMER3) is a specific inhibitor of the ubiquitin E3 ligase SCF^{MET30} both *in vitro* and *in vivo*.

- 1) Aghajanyy *et al.* (2010), *Chemical genetics of TOR identifies an SCF family E3 ubiquitin ligase inhibitor*; Nat. Biotechnol., **28** 738

PHYSICAL DATA

Molecular Weight:	224.18
Molecular Formula:	C ₁₁ H ₄ N ₄ O ₂ S
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 20 mg/ml with warming)
Physical Description:	Yellow solid (M.P. = 289-292°C)
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

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