



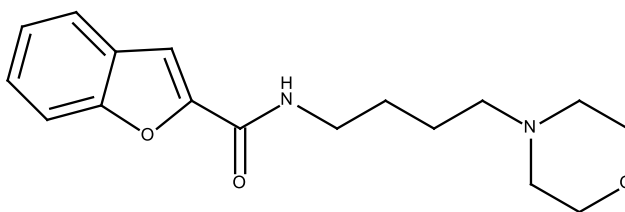
Catalog # 10-1028

CL-82198

CAS# 307002-71-7

N-[4-(4-Morpholinyl)butyl]-2-benzofurancarboxamide

Lot # A101322



Selective inhibitor of MMP-13 ($IC_{50} = 10 \mu M$). It displayed no activity against MMP-1, MMP-9 or TACE.

- 1) Chen, *et al.*, (2000), *Structure-based design of a novel, potent, and selective inhibitor for MMP-13 utilizing NMR spectroscopy and computer-aided molecular design* J. Am. Chem. Soc. **122** 9648

PHYSICAL DATA

Molecular Weight:	302.37
Molecular Formula:	C ₁₇ H ₂₂ N ₂ O ₃
Purity:	>98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 10 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO may be stored at -20°C for up to 6 months.

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