

Product Name	: LOC14
Synonyms	: —
Cat No.	: M20192
CAS Number	: 877963-94-5
Molecular Formula	: C ₁₆ H ₁₉ N ₃ O ₂ S
Formula Weight	: 317.4
Chemical Name	: 2-[4-(Cyclopropylcarbonyl)-1-piperazinyl]methyl]-12-benzisothiazol-3(2H)-one
Description	: LOC14 to be the most potent PDI inhibitor reported to date(EC ₅₀ : 500 nM).
Pathway	: Others
Target	: Other Targets
Receptor	: PDI
Solubility	: DMSO:25 mg/mL?(78.76 mM)
SMILES	: <chem>O=C(C1CC1)N1CCN(Cn2sc3ccccc3c2=O)CC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Kaplan A et al. Small molecule-induced oxidation of protein disulfide isomerase is neuroprotective. Proc Natl Acad Sci U S A. 2015 Apr 28;112(17):E2245-52.