

Product Name	: Tenilsetam
Synonyms	: Piperazinone,3-(2-thienyl)- (9CI)
Cat No.	: M22229
CAS Number	: 86696-86-8
Molecular Formula	: C ₈ H ₁₀ N ₂ O ₂ S
Formula Weight	: 182.24
Chemical Name	: ———
Description	Tenilsetam is an endonuclease modulator; a nootropic agent and advanced glycation end product (AGE) inhibitor having potential for Alzheimer's disease (AD) treatment. In vitro, tenilsetam inhibited endothelial proliferation at lower doses, while inducing apoptosis at high doses. Leucocyte adhesion was only inhibited at high doses. Sprouting angiogenesis of bovine retinal endothelial cells was promoted at lower doses (
Pathway	: Others
Target	: Other Targets
Receptor	: AGE
Solubility	: ———
SMILES	: <chem>O=C1NCCN[C@]1([H])c2ccc[s]2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Jennifer Hoffmann , Alex Alt, Jihong Lin, Günther Lochnit, et al. Tenilsetam prevents early diabetic retinopathy without correcting pericyte loss. *Thromb Haemost.* 2006 Apr;95(4):689-95.