

Product Name	: RO 27-3225
Synonyms	: RO27-3225;RO 273225
Cat No.	: M16959
CAS Number	:
Molecular Formula	:
Formula Weight	:
Chemical Name	: Butir-His-D-Phe-Arg-Trp-Sar-NH ₂ trifluoroacetate salt
Description	RO 27-3225 (RO27-3225, RO 273225) is a potent, selective melanocortin melanocortin receptor MC4R agonist with EC ₅₀ of 1 nM, >30-fold selectivity over MC3R; shows some activity at the MC1 receptor (EC ₅₀ =8 nM), reverses hemorrhagic shock, reduces multiple organ damage, and improves survival. Obesity Discontinued
Pathway	: GPCR/G Protein
Target	: Melanocortin Receptor
Receptor	: Melanocortin Receptor
Solubility	:
SMILES	: <chem>CCCC(NC(C(NC(CC1=CC=CC=C1)C(NC(CCCNC(N)=N)C(NC(CC2C(C=CC=C3)=C3NC2)C(N(C)CC(N)=O)=O)=O)=O)CC4=CNC=N4)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Spaccapelo L, et al. Eur J Pharmacol. 2011 Nov 30;670(2-3):479-86. | 2. Minutoli L, et al. Crit Care Med. 2011 May;39(5):1089-96. | 3. Benoit SC, et al. J Neurosci. 2000 May 1;20(9):3442-8. | 4. Agosti F, et al. Eur J Neurosci. 2014 Sep;40(5):2755-65.