

Product Name	: 3-Guanidinopropionic Acid
Synonyms	: β-GPA
Cat No.	: M20869
CAS Number	: 353-09-3
Molecular Formula	: C ₄ H ₉ N ₃ O ₂
Formula Weight	: 131.13
Chemical Name	: —
Description	: 3-Guanidinopropionic acid is a creatine analog that alters skeletal muscle energy expenditure. It reduces cellular ATP creatine and phosphocreatine levels and stimulates AMP-activated protein kinase (AMPK) activating PPARγ coactivator 1α (PGC-1α).
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: —
SMILES	: N=C(N)NCCC(=O)O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Oudman I Clark JF Brewster LM.The effect of the creatine analogue beta-guanidinopropionic acid on energy metabolism: a systematic review.PLoS One. 2013;8(1):e52879.