Inhibition of Muscle ATP Generation From Phosphocreatin by Gliotoxin

Normal

Creatine + Phosphate → Phosphocreatine

Phosphocreatine + Creatine Kinase + ADP → Creatine + ATP

Inhibited

Gliotoxin Inhibits → Creatine Kinase → Lowered Muscle ATP → Fatigue

Creatine = $H_2NC(=NH)N(CH_3)CH_2CO_2H$

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