

Product Name	: Oxonic Acid (potassium salt)
Synonyms	: Potassium azaotate; Potassium otastat; Potassium oxonate
Cat No.	: M20562
CAS Number	: 2207-75-2
Molecular Formula	: C ₄ H ₂ KN ₃ O ₄
Formula Weight	: 195.17
Chemical Name	: Potassium 1456-tetrahydro-46-dioxo-135-triazine-2-carboxylate
Description	: Oxonic Acid (potassium salt) is a uricase inhibitor that prevents metabolism and excretion of uric acid and induces embryotoxicity and nephrotoxicity in rats.
Pathway	: Others
Target	: Other Targets
Receptor	: uricase
Solubility	: H ₂ O: 9.09 mg/mL (46.57 mM; Need ultrasonic)
SMILES	: [K+].[O-]C(=O)c1nc(=O)[nH]c(=O)[nH]1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yoshisue K, Masuda H, Matsushima E et al. Tissue distribution and biotransformation of potassium oxonate after oral administration of a novel antitumor agent (drug combination of tegafur 5-chloro-24-dihydroxypyridine and potassium oxonate) to rats [J]. Drug Metab Dispos. 2000 Oct;28(10):1162-7.