



Potassium Tellurite Trihydrate

Bacterial growth inhibitor, scaffold for synthesis of chemicals

In microbial culture media, potassium tellurite is used for its antimicrobial properties. Potassium tellurite inhibits the growth of most gram-negative bacteria and gram-positive bacteria that are unable to reduce it.

Potassium Tellurite is used in synthesis of complex high-quality compounds. In synthesizing research chemicals, Potassium Tellurite is used as scaffold.

Cat. Number	ASC-1006
CAS Number	7790-58-1
Additional CAS	123333-66-4 ($\cdot\text{H}_2\text{O}$)
Additional CAS	15571-91-2
MDL Number	MFCD00149923
Pubchem	310279179
Molecular Weight	307.84 g/mol
Molecular Formula	$\text{K}_2\text{O}_3\text{Te}(\text{H}_2\text{O})_3$
Storage Temperature	20 °C
Form and Color	Powder or Crystal / White to off-white or pale grey
Solution Appearance (5 % in water)	Clear to faintly turbid, colorless to very faint yellow solution
Assay	$\geq 95 \%$
Loss on Drying	$\leq 5 \%$