

Product Name	: Stepronin
Synonyms	: —
Cat No.	: M33732
CAS Number	: 72324-18-6
Molecular Formula	: C ₁₀ H ₁₁ NO ₄ S ₂
Formula Weight	: 273.33
Chemical Name	: —
Description	: Stepronin (Prostenoglycine) is an orally active expectorant (inhalation administration is preferable to oral administration). Stepronin inhibits airway secretion in vitro by reducing Cl ⁻ secretion from epithelial cells and mucus glycoprotein secretion from submucosal glands.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: In Vitro: ?DMSO : ≥ 250 mg/mL (914.65 mM)
SMILES	: <chem>CC(SC(=O)c1cccs1)C(=O)NCC(O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yamada K, et al. An expectorant, stepronin, reduces airway secretion in vitro. *Respiration*. 1994;61(1):42-7. ?