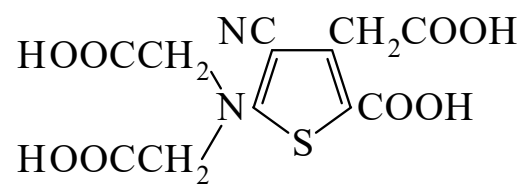




>>Entry Name: Ranelic acid, INN

Synonym(s): 5-[Bis(carboxymethyl)amino]-2-carboxy-4-cyano-3-thiopheneacetic acid, 9CI



CAS Registry Number: 135459-90-4

Molecular Formula: C₁₂H₁₀N₂O₈S

Molecular Weight: 342.286

Accurate Mass: 342.015788

Percentage Composition: C 42.11%; H 2.94%; N 8.18%; O 37.39%; S 9.37%

Use/Importance: Calcium regulator used in the treatment of osteoporosis

>>Derivative: Sr salt

Synonym(s): S 12911

CAS Registry Number: 135459-87-9

References:

Eur. Pat., 1991, *Adir*, 415 850; *CA*, **115**, 92057, (*synth, pharmacol, salts*)

Marie, P.J. *et al.*, *J. Bone Min. Res.*, 1993, **8**, 607, (*pharmacol, Sr salt*)

Canalis, E. *et al.*, *Bone*, 1996, **18**, 517, (*pharmacol, Sr salt*)