



>>Entry Name: Aurothioglycanide, INN

Synonym(s): (2-Mercaptoanilidato-S)gold. [[[Phenylcarbamoyl)methyl]thio]gold(I). Lauron

CAS Registry Number: 16925-51-2

PhNHCOCH₂SAu

Molecular Formula: C₈H₈AuNOS

Molecular Weight: 363.19

Accurate Mass: 362.999202

Percentage Composition: C 26.46%; H 2.22%; Au 54.23%; N 3.86%; O 4.41%; S 8.83%

Use/Importance: Antiarthritic agent

Physical Description: Greyish-yellow powder

Melting Point: Mp 238-241°

Solubility: Insol. most solvs.

Other Data: Used as suspension in sesame oil

References:

U.S. Pat., 1948, 2 451 841; *CA*, **43**, 1913i, (*synth, pharmacol*)

Margolis, H.M. *et al.*, *Am. J. Med. Sci.*, 1949, **218**, 121; *CA*, **44**, 3154, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 5295