

Product Data Sheet

(4N) 99.99% 1-Mercapto-(triethylene Glycol) Methyl Ether Functionalized Gold Nanoparticles Solution

Product Code: AU-H2O-04-FNPD

Formula: Au-C₇H₅O₃S

CAS No.: 7440-57-5

EC No.: N/A

MDL: N/A

Chemical Identifiers

Linear Formula	Au-C ₇ H ₅ O ₃ S
MDL Number	N/A
EC No.	N/A
Beilstein Registry No.	N/A
Pubchem CID	71310584
IUPAC Name	gold(1+); 2-[2-(2-methoxyethoxy)ethoxy]ethanethiolate
SMILES	COCCOCCOCC[S-].[Au+]
Inchi Identifier	InChI=1S/C7H16O3S.Au/c1-8-2-3-9-4-5-10-6-7-11;/h11H,2-7H2,1H3;/q;+1/p-1
Inchi Key	HHDHDTISDDNGEI-UHFFFAOYSA-M

Total Metal Impurities: 0.01% max.

Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.