

Product Data Sheet

(5N) 99.999% Octanethiol Functionalized Gold Nanoparticles Solution

Product Code: AU-TOL-05-FNPD

Formula: Au-SCH₂(CH₂)₆CH₃

CAS No.: N/A

EC No.: N/A

MDL: MFCD07785480

Chemical Identifiers

Linear Formula	Au-SCH ₂ (CH ₂) ₆ CH ₃
MDL Number	MFCD07785480
EC No.	N/A
Beilstein Registry No.	N/A
Pubchem CID	24884474
IUPAC Name	gold(1+); octane-1-thiolate
SMILES	CCCCCCCC[S-].[Au+]
Inchi Identifier	InChI=1S/C8H18S.Au/c1-2-3-4-5-6-7-8-9;/h9H,2-8H2,1H3;/q;+1/p-1
Inchi Key	NXXPCKKHXAOGCX-UHFFFAOYSA-M

Total Metal Impurities: 0.001% 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.