

MPA-COOH
LEAD SULPHIDE
Quantum Dots

NS6130-12-000231

Quick Facts

Product	:	Lead Sulphide-MPA-COOH Quantum Dots
Stock No	:	NS6130-12-000231
Purity	:	99.9%
Composition	:	PbS

Technical Specification

Emission Peak	Surface Group	Solvent
1030±50nm	MPA-COOH	Water

Lead sulfide-MPA-COOH quantum dots are nanoscale particles composed of lead sulfide (PbS) and mercaptopropionic acid (MPA) functionalized with carboxylic acid (-COOH) groups. Quantum Dots have potential applications such as solar cells, medical imaging, and sensing, drug delivery, and biosensing due to their unique optical and electronic properties and biocompatibility, sensing, imaging, and lighting.



* This image is for graphic purposes only and does not represent the actual product.

