

Product Name: Tris(dibenzoylmethane)mono(phenanthroline)europium(III)
Catalog Number: 044175.77

CAS Number: 17904-83-5
IUPAC Name: 1,10-phenanthroline tris(3-hydroxy-1,3-diphenylprop-2-en-1-one) europium
Molecular Formula: C₅₇H₄₄EuN₂O₆
Molecular Weight: 1004.95
InChI Key: DYKOLWWJTALFFU-UHFFFAOYSA-N
SMILES: [Eu].C1=CN=C2C(C=CC3=CC=CN=C23)=C1.OC(=CC(=O)C1=CC=CC=C1)C1=CC=C
C=C1.OC(=CC(=O)C1=CC=CC=C1)C1=CC=CC=C1.OC(=CC(=O)C1=CC=CC=C1)C1=
CC=CC=C1
Synonym: tris(3-hydroxy-1,3-diphenylprop-2-en-1-one) phen europium

Product Specification

Appearance (Color): Pale yellow to yellow
Form: Powder
Assay from Suppliers CofA: ≥98.5%
Melting Point: 183-192°C

Date Of Print: 08/14/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.