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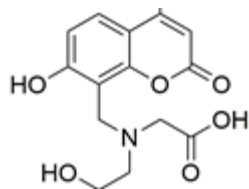
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37405
Product	Calcein blue 4-Methylumbelliferone-8-methyliminodiacetic acid Umbelliferone complexon
CAS Number	54375-47-2
Molecular Formula	C ₁₅ H ₁₅ NO ₇
Molecular Weight	321.28

Appearance	White to light yellow powder
Solubility	Light yellow to dark yellow and light orange to dark orange solution
Solubility (Turbidity)	Clear to slightly hazy (50 mg/mL in 1 N NaOH)
Elemental Analysis (Theory)	Carbon = 54.5 - 56.5%, Nitrogen = 4.0 - 4.6%
¹H NMR	Conforms to structure
Storage	Store at RT
Suitability	Suitable for use as an indicator for EDTA titration

For Laboratory Use Only