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## Product Data Sheet

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Product Name: Cobalt phthalocyanine (Cobalt(II) phthalocyanine)

Cat. No.: GC30386

### Chemical Properties

Cas. No. 3317-67-7

SMILES [N-]12[Co+2]34[N-]5C6=NC(C7=CC=CC=C87)=  
[N]3C8=NC1=C(C=CC=C9)C9=C2N=C%10[N]4=C(C%11=CC=CC=C%10%11)N=C5C%12=CC=CC=C6%12

Formula  $C_{32}H_{16}CoN_8$

M.Wt 571.46

Solubility DMSO: < 1 mg/mL (insoluble or slightly soluble)

Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon Condition request.

Structure

### Background

Cobalt phthalocyanine is a catalyst of redox reaction, catalyzes aerobic regenerations of aldehydes and ketones from aldoximes and ketoximes has been developed.

[1]. Ahmad Shaabani, et al. Cobalt(II) phthalocyanine catalyzed aerobic regeneration of carbonyl compounds from the corresponding oximes in 1-butyl-3-methylimidazolium bromide. Volume 371, Issues 1-2, 15 December 2009, Pages 148-152

**Caution: Product has not been fully validated for medical applications. For research use only.**

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