

ORGANICA®

Feinchemie GmbH Wolfen
PF 1337 D-06756 Bitterfeld-Wolfen
Phone: +49-3494-636215
Fax: +49-3494-636165
Email: info@organica.de
internet://www.organica.de

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Specification

Code No. 58310

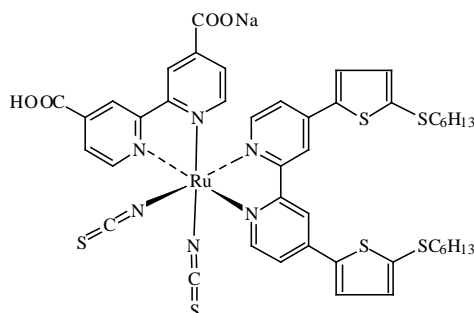
Dye C-106

CAS No. 1165943-93-0

EEC No.

Chemical Name **Ruthenate(2-), [[2,2'-bipyridine]-4,4'-dicarboxylato(2-)-.kappa.N1,.kappa.N1'] [4,4'- bis[5-(hexylthio)-2-thienyl]- 2,2'-bipyridine-.kappa.N1,.kappa.N1']bis(thiocyanato-. kappa.N)-, sodium hydrogen (1:1:1)**

Structure



Molecular Formula

$C_{44}H_{43}N_6NaO_4RuS_6$

Molecular Weight

1036,28

Product Properties

Appearance

dark brown to black crystalline powder

Absorptivity (l/mol·cm)

≥ 16500 (in DMF at λ_{max} .)

Storage

Cool, dry, dark, tightly closed

Application

Dye for solar cells

Changes in comparison to previous issue: Product properties.