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## Product Specification

Product Name:  
[Ru(bpm)<sub>3</sub>][Cl]<sub>2</sub>

Product Number:

747785

CAS Number:

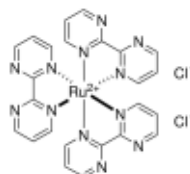
65034-88-0

Formula:

C<sub>24</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>12</sub>Ru

Formula Weight:

646 g/mol



### TEST

### Specification

Appearance (Color)

Brown to Very Dark Brown and Brown-Red  
to Very Dark Brown-Red and Very Dark Orange and Very Dark  
Red

Appearance (Form)

Powder or Crystals

<sup>1</sup>H NMR Spectrum

Conforms to Structure

Ethylene Glycol

≤ 15 % wt

Solvent impurity by HNMR

Carbon

Specification: Report Result

Nitrogen

Specification: Report Result

ICP Major Analysis

Confirmed

Confirms Ruthenium Component

Specification: PRD.0.ZQ5.10000094646

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.