

## 96-6715 BASF Blocking Group Removal Catalyst Kit

*Sold in collaboration with BASF for research purposes only.*

Components also available for individual sale.

Contains the following:

46-1905	Palladium, 10% on activated wood carbon, reduced, 50% water wet (Escat™ 1931) (7440-05-3)	10g
46-1906	Palladium, 10% on activated wood carbon, unreduced, 50% water wet (Escat™ 1921) (7440-05-3)	10g
46-1907	Palladium, 3% on activated carbon, reduced, 50% water wet paste (Escat™ 1911) (7440-05-3)	10g
46-1908	Palladium, 5% on activated carbon, reduced, 50% water wet paste (Escat™ 1941) (7440-05-3)	10g
46-1909	Palladium, 5% on activated carbon, reduced, 50% water wet paste (Escat™ 1961) (7440-05-3)	10g
46-1911	Palladium, 5% on activated carbon, reduced, 50% water wet paste (Escat™ 1971) (7440-05-3)	10g

### Technical Note:

- In synthesis, the commonly practiced deprotection of benzylated alcohols and amines by precious metal catalyzed hydrogenolysis requires that the catalyst achieve complete deprotection under a limited range of available process conditions and in the presence of various process solvents and complex organic functionalities. Relative to classic catalysts, the BASF family of blocking group removal catalysts exhibits unprecedented high intrinsic catalytic activity, exceptional fast filtration characteristics, robust functional group tolerance, and good activity in a broad range of solvents.

**46-1907 Palladium, 3% on activated carbon, reduced, 50% water wet paste (Escat™ 1911) (7440-05-3)** 10g  
black powdr. (d50=38 µm); SA: 1500m<sup>2</sup>/g 50g

**46-1908 Palladium, 5% on activated carbon, reduced, 50% water wet paste (Escat™ 1941) (7440-05-3)** 10g  
black powdr. (d50=38 µm); SA: 1500m<sup>2</sup>/g 50g

**46-1909 Palladium, 5% on activated carbon, reduced, 50% water wet paste (Escat™ 1961) (7440-05-3)** 10g  
black powdr. (d50=20 µm); SA: 850m<sup>2</sup>/g 50g

**46-1911 Palladium, 5% on activated carbon, reduced, 50% water wet paste (Escat™ 1971) (7440-05-3)** 10g  
black powdr. (d50=27 µm); SA: 900m<sup>2</sup>/g 50g

**46-1905 Palladium, 10% on activated wood carbon, reduced, 50% water wet (Escat™ 1931) (7440-05-3)** 10g  
black powdr. (d50=38 µm); SA: 1500m<sup>2</sup>/g 50g  
Note: BASF Heterogeneous Catalyst Kit component. BASF Palladium Catalyst Kit component.

### Technical Note:

- Escat™ 1931 catalyst is recommended for a broad range of reactions commonly catalyzed by palladium on carbon. Specifically, it is well suited for removal of protecting groups such as benzyl, Fmoc and others.

**46-1906 Palladium, 10% on activated wood carbon, unreduced, 50% water wet (Escat™ 1921) (7440-05-3)** 10g  
black powdr. (d50=38 µm); SA: 1500m<sup>2</sup>/g 50g  
Note: BASF Palladium Catalyst Kit component.

### Technical Note:

- Escat™ 1921 catalyst is recommended for a broad range of reactions common to palladium on carbon catalysts. Specifically, it is well suited for removal of protecting groups such as benzyl, Fmoc and others.

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**Strem Chemicals, Inc.**  
7 Mulliken Way  
Newburyport, MA 01950  
U.S.A  
Tel: 978.499.1600  
Fax: 978.465.3104  
Email: [info@strem.com](mailto:info@strem.com)

**Strem Chemicals, Inc.**  
15, rue de l'Atome  
Zone Industrielle  
67800 BISCHHEIM France  
Tel: (33) 03 88 62 52 60  
Fax: (33) 03 88 62 26 81  
Email: [info.europe@strem.com](mailto:info.europe@strem.com)

**Strem Chemicals, Inc.**  
Postfach 1215  
77672 KEHL  
Germany  
Tel: 0 78 51/ 7 58 79  
Email: [info.europe@strem.com](mailto:info.europe@strem.com)

**Strem Chemicals UK Ltd.**  
An Independent Distributor of Strem Chemicals Products  
Newton Hall, Town Street  
Newton, Cambridge  
England CB22 7ZE  
Tel: +44 (0)1223 873 028  
Fax: +44 (0)1223 870207  
Email: [enquiries@strem.co.uk](mailto:enquiries@strem.co.uk)