

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 ² /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 ² /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 ² /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 ² /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 ² /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 ² /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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