

UiO-66-COOH

Product Name:	UiO-66-COOH
Alternative names	Zr-UiO-66-BDC-COOH, Zirconium(IV) oxo trimellitat
Linker name & formula	Trimellitic acid, C ₆ H ₃ (COOH) ₃
Catalog no.	400411-5G / 400411-10G / 400411-25G
Product formula:	Zr ₆ O ₄ (OH) ₄ (C ₆ H ₃ (COOH)(COO) ₂) ₆
Country of Origin:	Norway
Appearance (colour)	White
Appearance (form)	Powder
Structure:	Single phase, confirms to UiO-66 structure
Surface area (BET)	500 - 750 m ² /g
Net weight options:	5 g / 10 g / 25 g
Price	EUR 749 / 1240 / 2730
Packaging type	Glass vial/Plastic bottle
Thermal stability / decomposition temperature	Decomposition onset: 350 °C in air.
Chemical compatibility	Unstable in aqueous base, pH >7.
Dust hazard note	Do not inhale, work under ventilation, PPE recommended (dust mask, gloves, goggles)