UiO-67

Product Name	UiO-67
Alternative names	Zr-UiO-67-BPDC, Zirconium(IV) oxo biphenyl-4,4'-dicarboxylate
Linker name & formula	Biphenyl-4,4'-dicarboxylic acid, $C_{12}H_8(COOH)_2$
Catalog no.	400611
Product formula	$Zr_6O_4(OH)_4(C_{12}H_8(COO)_2)_6$
Country of Origin	Norway
Appearance (colour)	White
Appearance (form)	Powder
Structure	Single phase, confirms to UiO-67 structure
Surface area (BET)	1900 - 2500 m^2/g
Packaging type	Glass vial/Plastic bottle
Thermal stability / decomposition temperature	425 °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)

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