

## UiO-66 (Zr)

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Product Name:	UiO-66 (Zr)
Alternative names	Zr-UiO-66-BDC, Zirconium(IV) oxo terephthalate
CAS	1072413-89-8
Linker name & formula	Terephthalic acid, $C_6H_4(COOH)_2$
Catalog no.	400211-10G / 400211-25G / 400211-100G
Product formula (nominal):	$Zr_6O_4(OH)_4(C_6H_4(COO)_2)_6$
Country of Origin:	Norway
Appearance (colour)	White
Appearance (form)	Powder
Structure:	Single phase, confirms to UiO-66 structure
Surface area (BET)	1400 - 1650 $m^2/g$
Net weight options:	10 g / 25 g / 100 g
Price	EUR 600 / 1190 / 4200
Packaging type	Glass vial/Plastic bottle
Quality	< 25 % missing linker defects
Thermal stability / decomposition onset temperature	> 400 °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)