UiO-66-COOH

Product Name	UiO-66-COOH
Alternative names	Zr-UiO-66-BDC-COOH, Zirconium(IV) oxo trimellitate
Linker name & formula	Trimellitic acid, $C_6H_3(COOH)_3$
Catalog no.	400411
Product formula	$Zr_6O_4(OH)_4(C_6H_3(COOH)(COO)_2)_6$
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
Packaging type	Glass vial/Plastic bottle
Thermal stability / decomposition temperature	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)

ProfMOF AS
Postboks 5123 Majorstua
0302 Oslo, Norway