MOF-808

Product Name:	MOF-808
Alternative names	Zr-MOF-808-acetate, Zirconium(IV) oxo trimesate acetate
CAS:	1579984-19-2
Linker name & formula	Trimesic acid, $C_6H_3(COOH)_3$
Catalog no.	407711
Product formula:	$Zr_6O_4(OH)_4(C_6H_3(COO)_3)_2(CH_3COO)_6$
Country of Origin:	Norway
Appearance (colour)	White
Appearance (form)	Powder
Structure:	Single phase, confirms to MOF-808 structure
Surface area (BET)	1000 - 1250 m^2/g
Packaging type	Glass vial/Plastic bottle
Thermal stability / decomposition temperature	300 °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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