# UiO-66-$(COOH)_2$

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|---|---|
| Product Name | UiO-66-$(COOH)_2$ |
| Alternative names | Zr-UiO-66-(COOH)2, Zirconium(IV) oxo pyromellitate |
| Linker name & formula | Pyromellitic acid, $C_6H_2(COOH)_4$ |
| Catalog no. | 400511 |
| Product formula | $Zr_6O_4(OH)_4(C_6H_2(COOH)_2(COO)_2)_6$ |
| Country of Origin | Norway |
| Appearance (colour) | White |
| Appearance (form) | Powder |
| Structure | Single phase, confirms to UiO-66 structure |
| Surface area (BET) | 400 - 650 $m^2/g$ |
| 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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