

## UiO-66-NH<sub>2</sub> (Zr)

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|---|---|
| Product Name:                                 | UiO-66-NH <sub>2</sub> (Zr)   |
| Alternative names                             | Zirconium(IV) oxo aminoterephthalate  |
| CAS:  | 1260119-00-3  |
| Linker name & formula                         | Aminoterephthalic acid, C <sub>6</sub> H <sub>3</sub> NH <sub>2</sub> (COOH) <sub>2</sub>   |
| Catalog no.                                   | 400311-5G / 400311-10G / 400311-25G / 400311-50G  |
| Product formula (nominal):                    | Zr <sub>6</sub> O <sub>4</sub> (OH) <sub>4</sub> (C <sub>6</sub> H <sub>3</sub> NH <sub>2</sub> (COO) <sub>2</sub> ) <sub>6</sub> |
| Country of Origin:                            | Norway  |
| Appearance (colour)                           | Yellow  |
| Appearance (form)                             | Powder  |
| Structure:                                    | Single phase, confirms to UiO-66 structure  |
| Surface area (BET)                            | 1200 - 1500 m <sup>2</sup> /g   |
| Net weight options:                           | 5 g / 10 g / 25 g / 50 g  |
| Price   | EUR 570 / 945 / 2065 / 3930   |
| Packaging type                                | Glass vial/Plastic bottle   |
| Thermal stability / decomposition temperature | Decomposition onset: 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)   |