

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Autophinib, CAS [[1644443-47-9]] FBM-10-3476

|                            |   |
|----------------------------|---|
| Article Name               | Autophinib, CAS [[1644443-47-9]]  |
| Biozol Catalog Number      | FBM-10-3476   |
| Supplier Catalog Number    | 10-3476   |
| Alternative Catalog Number | FBM-10-3476-5MG, FBM-10-3476-25MG   |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | Autophagy inhibitor...  |
| Molecular Weight           | 346.73  |
| Purity                     | >98% by HPLC NMR (Conforms)   |
| Form                       | Off-white solid   |
| CAS Number                 | [1644443-47-9]  |
| Formula                    | C <sub>14</sub> H <sub>11</sub> CIN <sub>6</sub> O <sub>3</sub>   |
| Application Notes          | Inhibits autophagy induced by starvation or rapamycin by inhibiting the lipid kinase VPS34 (IC <sub>50</sub> =19 nM). <sup>1</sup> Increased autophagy and apoptosis were rescued by autophinib in Per1-overexpressing oral squamous cell carcinoma cells. <sup>2</sup> Autophinib has quickly become an important biochemical tool for inhibition of autophagy in a variety of cellular contexts. <sup>3-5</sup> |