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## Product Datasheet

### **PITSTOP2, CAS [[1332879-52-3]]** **FBM-10-4195**

|                            |  |
|----------------------------|--|
| Article Name               | PITSTOP2, CAS [[1332879-52-3]]   |
| Biozol Catalog Number      | FBM-10-4195  |
| Supplier Catalog Number    | 10-4195  |
| Alternative Catalog Number | FBM-10-4195-5MG, FBM-10-4195-25MG  |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Clathrin-mediated endocytosis inhibitor...   |
| Molecular Weight           | 473.36   |
| Purity                     | >98% by TLC NMR (Conforms)   |
| Form                       | Pink solid   |
| CAS Number                 | [1332879-52-3]   |
| Formula                    | C <sub>20</sub> H <sub>13</sub> BrN <sub>2</sub> O <sub>3</sub> S <sub>2</sub>   |
| Application Notes          | PITSTOP2 inhibits clathrin-mediated endocytosis via blockade of endocytic ligand association with the clathrin terminal domain leading to clathrin coat assembly inhibition. <sup>1</sup> It was able to cause a collapse of the nucleocytoplasmic permeability barrier and a reduction of Importin-β binding. <sup>2</sup> PITSTOP2 reduced viability in HeLa cells by trapping dividing cells in metaphase through loss of mitotic spindle integrity. <sup>3</sup> |