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## Product Datasheet

### OAC2, CAS [[6019-39-2]] FBM-10-3203

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| Article Name               | OAC2, CAS [[6019-39-2]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Biozol Catalog Number      | FBM-10-3203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | 10-3203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | FBM-10-3203-5MG,FBM-10-3203-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product Description        | Enhances stem cell reprogramming...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Weight           | 236.27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                     | >98% by TLC, NMr (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Form                       | Light brown solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CAS Number                 | [6019-39-2]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formula                    | C15H12N2O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes          | OAC2 (Oct4 Activating Compound 2) is an activator of octamer-binding transcription factor 4 (Oct4) which plays a role in self-renewal of undifferentiated embryonic stem cells and regulates embryonic stem cell pluripotency. Thus, OAC2 enhances iPSC reprogramming efficiency. <sup>1</sup> OAC2 is one component in the 9C cocktail used to convert human fibroblasts to functional cardiomyocytes. <sup>2</sup> It has been employed in the generation of chicken induced pluripotent stem cells from somatic cells using multi-lentiviral transduction. <sup>3</sup> |