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## Product Datasheet

### Fasentin, CAS [[392721-37-8]] FBM-10-3730

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|----------------------------|--|
| Article Name               | Fasentin, CAS [[392721-37-8]]  |
| Biozol Catalog Number      | FBM-10-3730  |
| Supplier Catalog Number    | 10-3730  |
| Alternative Catalog Number | FBM-10-3730-5MG,FBM-10-3730-25MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Glucose uptake inhibitor...  |
| Molecular Weight           | 279.64   |
| Purity                     | 98% by TLC, NMR (Conforms)   |
| Form                       | Off-white solid  |
| CAS Number                 | [392721-37-8]  |
| Formula                    | C11H9CIF3NO2   |
| Application Notes          | A novel inhibitor of glucose uptake which acts via inhibition of the glucose transporter GluT1 and GluT4 (IC50=68 M). <sup>1</sup> Inhibition of glucose uptake is cell type specific <sup>2</sup> and is a promising approach to new cancer therapeutics <sup>3</sup> . Rescues cardiac progenitor cell dysfunction and mitochondrial fission induced by high glucose <sup>4</sup> . Sensitizes cells to FAS-induced cell death. <sup>5,6</sup> |