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## Product Datasheet

### Matrine FBM-10-4612

|                            |  |
|----------------------------|--|
| Article Name               | Matrine  |
| Biozol Catalog Number      | FBM-10-4612  |
| Supplier Catalog Number    | 10-4612  |
| Alternative Catalog Number | FBM-10-4612-10MG,FBM-10-4612-50MG  |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Induces RIP3-dependent necroptosis...  |
| Molecular Weight           | 248.36   |
| Purity                     | 98% by TLC, NMR (Conforms)   |
| Form                       | White solid  |
| CAS Number                 | [519-02-8]   |
| Formula                    | C15H24N2O  |
| Application Notes          | Matrine is a natural product found in the plant <i>Sophora flavescens</i> . It has been found to possess myriad biological activities including a positive inotropic effect <sup>1,2</sup> , reduced glucose intolerance and hepatic steatosis in a mouse model via activation of HSP723, various anti-cancer effects <sup>4,5,6</sup> . Matrine has also recently been shown to induce RIP3-dependent necroptosis in cholangiocarcinoma cells. <sup>7</sup> |