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## Product Datasheet

### Metolazone, CAS [[17560-51-9]] FBM-10-5417

|                            |  |
|----------------------------|--|
| Article Name               | Metolazone, CAS [[17560-51-9]]   |
| Biozol Catalog Number      | FBM-10-5417  |
| Supplier Catalog Number    | 10-5417  |
| Alternative Catalog Number | FBM-10-5417-50MG,FBM-10-5417-250MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | UPR activator and longevity inducer...   |
| Molecular Weight           | 365.83   |
| Purity                     | 98% by HPLC NMR (Conforms)   |
| Form                       | White solid  |
| CAS Number                 | [17560-51-9]   |
| Formula                    | C16H16ClN3O3S  |
| Application Notes          | Activates mitochondrial unfolded protein response (UPRMT) and - increases <i>C. elegans</i> lifespan. <sup>4</sup> Clinically useful diuretic that inhibits the thiazide-sensitive Na <sup>+</sup> -Cl <sup>-</sup> cotransporter (NCC) (IC <sub>50</sub> = 0.3 μM rat), blocking sodium reabsorption. <sup>2,3</sup> Metolazone also inhibits human carbonic anhydrase isoforms VII, XII, and XIII with nanomolar potency. <sup>4</sup> |