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## Product Datasheet

### SA4503, CAS [[165377-44-6]] FBM-10-4219

Article Name	SA4503, CAS [[165377-44-6]]
Biozol Catalog Number	FBM-10-4219
Supplier Catalog Number	10-4219
Alternative Catalog Number	FBM-10-4219-5MG,FBM-10-4219-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sigma-1 agonist...
Molecular Weight	441.43
Purity	>98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[165377-44-6]
Formula	C <sub>23</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub> ·2HCl
Application Notes	SA4503 is a potent and selective sigma 1 agonist (□ <sub>1</sub> IC <sub>50</sub> = 17.4 nM, □ <sub>2</sub> IC <sub>50</sub> = 1784 nM). <sup>1</sup> It has been investigated as a cognition enhancer <sup>2,3</sup> , antidepressant <sup>4,5</sup> , anti-addiction agent <sup>6</sup> , and neuroprotectant <sup>7-10</sup> .