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## Product Datasheet

### Echinomycin, CAS [[512-64-1]] FBM-10-2424

Article Name	Echinomycin, CAS [[512-64-1]]
Biozol Catalog Number	FBM-10-2424
Supplier Catalog Number	10-2424
Alternative Catalog Number	FBM-10-2424-1MG, FBM-10-2424-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	HIF1alpha inhibitor...
Molecular Weight	1101.26
Purity	>97% by HPLC NMR (Conforms)
Form	White to beige solid
CAS Number	[512-64-1]
Formula	C <sub>51</sub> H <sub>64</sub> N <sub>12</sub> O <sub>12</sub> S <sub>2</sub>
Application Notes	Echinomycin is a potent and selective hypoxia inducible factor 1alpha (HIF-1alpha) inhibitor. It binds to DNA via bifunctional intercalation, blocking the interaction of HIF-1alpha.1 Protects mice against relapsed acute myeloid leukemia with no effect on hematopoietic stem cells.2 Selectively eliminates cancer stem cells in mouse lymphoma and human AML xenogeneic models.3 A very useful tool for probing genes regulated by HIF1alpha.4