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## Product Datasheet

### Importazole FBM-10-1412

Article Name	Importazole
Biozol Catalog Number	FBM-10-1412
Supplier Catalog Number	10-1412
Alternative Catalog Number	FBM-10-1412-5MG,FBM-10-1412-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Blocks importin-b-mediated nuclear import...
Molecular Weight	318.43
Purity	97% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[662163-81-7]
Formula	C <sub>20</sub> H <sub>22</sub> N <sub>4</sub>
Application Notes	Specifically inhibits importin-beta-mediated nuclear import without disrupting transportin-mediated nuclear import or CRM1-mediated nuclear export <sup>1</sup> . When added to cells during mitosis it impairs the release of an importin- cargo probe and causes defects in spindle assembly. Inhibition of importin-beta function is most likely mediated by blocking its interaction with RanGTP. It is an important new tool to probe the function of the importin-/RanGTP pathway <sup>2-4</sup> . Cell permeable