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Product Datasheet

Ko-143, CAS [[461054-93-3]] FBM-10-1074

Article Name	Ko-143, CAS [[461054-93-3]]
Biozol Catalog Number	FBM-10-1074
Supplier Catalog Number	10-1074
Alternative Catalog Number	FBM-10-1074-5MG,FBM-10-1074-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	BCRP inhibitor...
Molecular Weight	470.59
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[461054-93-3]
Formula	C26H36N3O5
Application Notes	A potent and selective inhibitor of the breast cancer resistance protein multidrug transporter (BCRP/ABCG2) ¹ . Reverses resistance of MTX and topotecan at 25 nM in human and mouse cell lines. ¹ Also inhibits ABCB1 and ABCC1 at concentrations >1 µM. ² Restores the sensitivity of triple negative breast cancer cells to photodynamic therapy. ³ Prevents the export of the FAAH inhibitor URB937 from the CNS. ⁴ Forces prostate stem cells to undergo and AR-modulated differentiation to an androgen deprivation therapy-sensitive luminal phenotype. ⁵ Active in vivo.