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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) <sup>1</sup> . Reverses resistance of MTX and topotecan at 25 nM in human and mouse cell lines. <sup>1</sup> Also inhibits ABCB1 and ABCC1 at concentrations >1 µM. <sup>2</sup> Restores the sensitivity of triple negative breast cancer cells to photodynamic therapy. <sup>3</sup> Prevents the export of the FAAH inhibitor URB937 from the CNS. <sup>4</sup> Forces prostate stem cells to undergo and AR-modulated differentiation to an androgen deprivation therapy-sensitive luminal phenotype. <sup>5</sup> Active in vivo.