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## Product Datasheet

### Rucaparib phosphate, CAS [[459868-92-9]]

**FBM-10-3321**

Article Name	Rucaparib phosphate, CAS [[459868-92-9]]
Biozol Catalog Number	FBM-10-3321
Supplier Catalog Number	10-3321
Alternative Catalog Number	FBM-10-3321-5MG, FBM-10-3321-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PARP1 inhibitor...
Molecular Weight	421.36
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[459868-92-9]
Formula	C19H18FN3O H3PO4
Application Notes	Rucaparib is a potent ( $K_i < 5$ nM) PARP1 inhibitor. <sup>1</sup> Cytotoxic to human cancer cells or xenograft tumors with mutated or epigenetically silenced BRCA1/2. <sup>2</sup> Demonstrates antiproliferative effects in 26 out of 39 ovarian cancer cell lines. <sup>3</sup> Synergizes with other anticancer agents such as topotecan, carboplatin, doxorubicin, paclitaxel <sup>3</sup> and temozolamide. <sup>4</sup> Ameliorates the cardiotoxicity of doxorubicin. <sup>5</sup> Recently approved for human use by the FDA.