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## Product Datasheet

### FAK inhibitor 14, CAS [[4506-66-5]] FBM-10-2547

Article Name	FAK inhibitor 14, CAS [[4506-66-5]]
Biozol Catalog Number	FBM-10-2547
Supplier Catalog Number	10-2547
Alternative Catalog Number	FBM-10-2547-10MG, FBM-10-2547-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	FAK inhibitor...
Molecular Weight	284.02
Purity	98% by TLC, NMR (Conforms)
Form	Grey solid
CAS Number	[4506-66-5]
Formula	C <sub>6</sub> H <sub>10</sub> N <sub>4</sub> 4HCl
Application Notes	Selective focal adhesion kinase (FAK) inhibitor that displays no significant activity at a range of other kinases including EGFR, PDGFR and IGF-RI. Prevents FAK autophosphorylation at Y397 (IC <sub>50</sub> = 1 μM), promotes cell detachment and inhibits cell adhesion in vitro. Exhibits antiproliferative activity in a variety of human tumor cell lines in vitro and in breast cancer cells in vivo. Induces regression of pancreatic tumors <sup>2</sup> and glioblastoma <sup>3</sup> . Displays antiangiogenic activity <sup>4</sup> .