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## Product Datasheet

### **MU1700, CAS [[1360905-04-9]] FBM-10-4746**

Article Name	MU1700, CAS [[1360905-04-9]]
Biozol Catalog Number	FBM-10-4746
Supplier Catalog Number	10-4746
Alternative Catalog Number	FBM-10-4746-5MG,FBM-10-4746-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective ALK1/2 inhibitor...
Molecular Weight	479.41
Purity	>98% by HPLC NMR (Conforms)
Form	Orange solid
CAS Number	[1360905-04-9]
Formula	C <sub>26</sub> H <sub>22</sub> N <sub>4</sub> O <sub>2</sub> HCl
Application Notes	MU1700 is a potent (IC <sub>50</sub> s = 13 nM ALK1, 6 nM ALK2) and highly selective (selective against 369 kinases with only ALK6 (41 nM) being inhibited) ALK1/2 inhibitor. Much higher kinome selectivity than the typically used ALK 1/2 inhibitor LDN-193189. MU1700 exhibits favorable pharmacokinetic and bioavailability profiles for in vivo use. It showed excellent CNS penetration with brain concentrations exceeding that in plasma.