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## Product Datasheet

### JH-X-119-01, CAS [[2227368-54-7]] FBM-10-4691

Article Name	JH-X-119-01, CAS [[2227368-54-7]]
Biozol Catalog Number	FBM-10-4691
Supplier Catalog Number	10-4691
Alternative Catalog Number	FBM-10-4691-5MG,FBM-10-4691-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective IRAK1 inhibitor...
Molecular Weight	452.47
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[2227368-54-7]
Formula	C <sub>25</sub> H <sub>20</sub> N <sub>6</sub> O <sub>3</sub>
Application Notes	JH-X-119-01 is a highly selective (significantly inhibited only YSK4 and MEK3 in a panel of over 300 kinases) and potent (IC <sub>50</sub> = 9 nM) covalent inhibitor of interleukin 1 receptor-associated kinase 1 (IRAK1). It displayed cytotoxic activity against several lymphoma cell lines and exhibited synergism with the BTK inhibitor Ibrutinib in the same systems. JH-X-119-01 protected mice from LPS-induced sepsis <sup>2</sup> and ameliorated acute graft-versus-host disease in mice undergoing allogeneic hematopoietic cell transplantation without effecting the anti-lymphoma effect <sup>3</sup> .