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Product Datasheet

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

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| 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 ₂₅ H ₂₀ N ₆ O ₃ |
| 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 ₅₀ = 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 ² and ameliorated acute graft-versus-host disease in mice undergoing allogenic hematopoietic cell transplantation without effecting the anti-lymphoma effect ³ . |