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## Product Datasheet

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

Artikelname	JH-X-119-01, CAS [[2227368-54-7]]
Artikelnummer	FBM-10-4691
Hersteller Artikelnummer	10-4691
Alternativnummer	FBM-10-4691-5MG,FBM-10-4691-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Selective IRAK1 inhibitor...
Molekulargewicht	452.47
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[2227368-54-7]
Formel	C <sub>25</sub> H <sub>20</sub> N <sub>6</sub> O <sub>3</sub>
Anwendungsbeschreibung	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 allogenic hematopoietic cell transplantation without effecting the anti-lymphoma effect <sup>3</sup> .