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Product Datasheet

Acalabrutinib, CAS [[1420477-60-6]]
FBM-10-4806

Artikelname	Acalabrutinib, CAS [[1420477-60-6]]
Artikelnummer	FBM-10-4806
Hersteller Artikelnummer	10-4806
Alternativnummer	FBM-10-4806-5MG, FBM-10-4806-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	BTK inhibitor...
Molekulargewicht	465.52
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[1420477-60-6]
Formel	C26H23N7O2
Anwendungsbeschreibung	Acalabrutinib (1420477-60-6) is a highly selective, potent (IC₅₀ = 3nM), and irreversible inhibitor of Brutons tyrosine kinase (BTK).¹ Improved target selectivity (especially against TEC family kinases and EGFR) decreased the number of serious side effects observed with Ibrutinib.² Acalabrutinib significantly inhibits BCR signaling, inhibits tumor proliferation, and reduces tumor burden.³ Clinically useful agent for treating B-cell cancers. BTK has also been shown to have a role in modulating the innate immune system, especially in dendritic cells and macrophages, suggesting a possible role in immunotherapy.⁴