

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Erdafitinib** **FBM-10-4999**

Article Name	Erdafitinib
Biozol Catalog Number	FBM-10-4999
Supplier Catalog Number	10-4999
Alternative Catalog Number	FBM-10-4999-5MG,FBM-10-4999-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	FGFR inhibitor...
Molecular Weight	446.56
Purity	>98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1346242-81-6]
Formula	C <sub>25</sub> H <sub>30</sub> N <sub>6</sub> O <sub>2</sub>
Application Notes	Erdafitinib is a potent (IC <sub>50</sub> s = 1.2 nM FGFR1, 2.5 nM FGFR2, 3 nM FGFR3, 5.7 nM FGFR4) and selective pan-inhibitor of FGFR.1 Alone and in combination with PD-1 blockade it increased T-cell infiltration, decreased Treg cells, and down-regulation of PD-L1 expression leading to enhanced antitumor immunity and survival in a lung cancer model.2 Erdafitinib elicited antitumor responses through direct inhibition of oncogenic signaling as well as normalization of the tumor microenvironment in various cancer models including bladder (for which it is FDA approved)3, triple negative breast4, and pancreatic5.