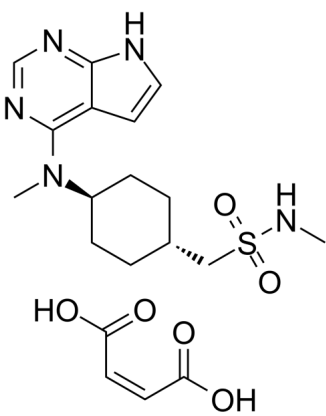


## Certificate of Analysis

Catalog Number	BP10708
Product Name	Oclacitinib maleate

## Physical and Chemical Properties

Synonyms	PF-03394197, PF-03394197 maleate
CAS No.	1640292-55-2
Chemical Formula	C <sub>19</sub> H <sub>27</sub> N <sub>5</sub> O <sub>6</sub> S
Molecular Weight	453.51
Solubility	Ethanol: 83 mg/mL (183 mM) H <sub>2</sub> O: 15 mg/mL (33.1 mM); DMSO: 83 mg/mL (183 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Oclacitinib is a novel inhibitor of JAK family members with IC50 ranging from 10 to 99 nM and JAK1-dependent cytokines with IC50 ranging from 36 to 249 nM, which did not inhibit a panel of 38 non-JAK kinases.
Targets&IC50	JAK1-dependent: 36 to 249 nM, JAK family members: 10 to 99 nM

## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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