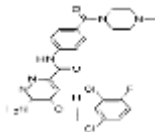


**PRODUCT:            Ensartinib**

**ALTERNATE NAMES:** (R)-6-amino-5-(1-(2,6-dichloro-3-fluorophenyl)ethoxy)-N-(4-(4-methylpiperazine-1-carbonyl)phenyl)pyridazine-3-carboxamide; X396

**CATALOG NUMBER:** B1946-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>25</sub>Cl<sub>2</sub>FN<sub>6</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 547.41

**CAS NUMBER:** 1365267-27-1

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Ensartinib (X-396), is a potent, small molecule inhibitor of the receptor tyrosine kinase anaplastic lymphoma kinase (ALK) with potential antineoplastic activity. Ensartinib has been active in animal models of non-small cell lung cancer (NSCLC) and neuroblastoma. Also, ensartinib has shown activity in models with ALK mutations that confer resistance to other small molecule ALK inhibitors.

**REFERENCES:** Caccese, M., et al. (2016). *Expert Opin. Pharmacother.* 17, 2253-2266.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

A 83-01 (Cat. No. 1725-1)  
 ABT-869 (Cat. No. 1615-1,5)  
 Axitinib (Cat. No. 1581-5, 25)  
 BIBW2992 (Cat. No. 1616-1,5)  
 BMS-599626 (Cat. No. 1614-1,5)  
 Bosutinib (Cat. No. 1584-5, 25)  
 Canertinib (Cat. No. 1617-5)  
 Cediranib (Cat. No. 1613-1,5)  
 CP-690550 (Cat. No. 1622-5,25)  
 Dasatinib (Cat. No. 1586-25, 100)  
 Emodin (Cat. No. 1875-25, 100)  
 Enzastaurin (LY317615)(Cat. No. 1619-1,5)  
 Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)  
 EZSolution™ Staurosporine (Cat. No. 1745-01)  
 Gefitinib (Cat. No. 1589-5,25)  
 Genistein (Cat. No. 1533-10, 100)  
 Go 6976 (Cat. No. 1711-500)  
 Imatinib Mesylate (Cat. No. 1625-100, 1000)  
 Lapatinib Ditosylate (Cat. No. 1624-25,100)  
 Nilotinib (Cat. No. 1750-25, 100)  
 PD 153035, Hydrochloride (Cat. No. 1656-2)  
 PD173074 (Cat. No. 1675-1)  
 Saracatinib (Cat. No. 1582-5, 25)  
 SB-431542 (Cat. No. 1674-1)  
 Sorafenib (Cat. No. 1594-5, 25)  
 Staurosporine (Cat. No. 1048-01,1)  
 Tamoxifen Citrate (Cat. No. 1551-1000)  
 SU 1498 (Cat. No. 1836-1,5)  
 SU-5402 (Cat. No. 1645-05)  
 Sunitinib Malate (Cat. No. 1611-100, 1000)  
 Tyrphostin AG 1295 (Cat. No. 1571-5)  
 Tyrphostin AG 490 (Cat. No. 1570-5)  
 Vandetanib (Cat. No. 1751-25, 100)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**