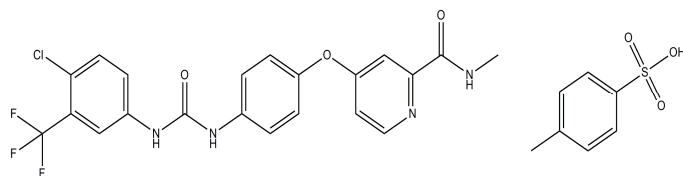


## BAY 43-9006 (Tosylate)

CATALOG #: 1594-25 25 mg  
1594-100 100 mg

LOT #:

STRUCTURE:



MOLECULAR FORMULA:  $C_{21}H_{16}ClF_3N_4O_3 \cdot C_7H_8O_3S$

MOLECULAR WEIGHT: 637.03

CAS 475207-59-1

APPEARANCE: Solid

Solubility: DMSO (200 mg/ml)

PURITY:  $\geq 99\%$

STORAGE: Keep cool and dry. Store at  $-20^\circ C$

DESCRIPTION: BAY 43-9006 (Sorafenib) is an inhibitor of Raf-1 and B-Raf ( $IC_{50} = 6$  and  $22$  nM, respectively), as well as several receptor tyrosine kinases, including VEGFR2, VEGFR3, PDGFR $\beta$ , FLT3, and c-Kit ( $IC_{50} = 90, 15, 20, 57,$  and  $58$  nM, respectively). It poorly inhibits ERK1, MEK1, and several other kinases ( $IC_{50} = >10$   $\mu M$ ).

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

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

### 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)  
 Carbozantinib (Cat. No. 1935-5, 25)  
 Cediranib (Cat. No. 1613-1,5)  
 CP-690550 (Cat. No. 1622-5,25)  
 Crizotinib (Cat. No. 1934-5, 25)  
 Dasatinib (Cat. No. 1586-25, 100)  
 EZSolution™ Dasatinib (Cat. No. 2029-25)  
 Emodin (Cat. No. 1875-25, 100)  
 Enzastaurin (LY317615)(Cat. No. 1619-1,5)  
 Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)  
 Erlotinib, Free base (Cat. No. 2048-100, 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)  
 Motesanib (Cat. No. 2023-5, 25)  
 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)  
 SU 6668 (Cat. No. 1931-5, 25)  
 SU 11274 (Cat. No. 1938-5, 25)  
 Sunitinib Malate (Cat. No. 1611-100, 1000)  
 Tandutinib (Cat. No. 2024-5, 25)  
 Tyrphostin AG 1295 (Cat. No. 1571-5)  
 Tyrphostin AG 490 (Cat. No. 1570-5)  
 Vandetanib (Cat. No. 1751-25, 100)  
 Vatalanib DiHCl Free Base (Cat. No. 2025-5, 25)