

**Product Name:** PF 04217903 mesylate

**Catalog No.:** 4239

**Batch No.:** 2

CAS Number: 956906-93-7

IUPAC Name: 4-[1-(6-Quinolinylmethyl)-1*H*-1,2,3-triazolo[4,5-*b*]pyrazin-6-yl]-1*H*-pyrazole-1-ethanol mesylate

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>19</sub>H<sub>16</sub>N<sub>8</sub>O·CH<sub>3</sub>SO<sub>3</sub>H·1½H<sub>2</sub>O

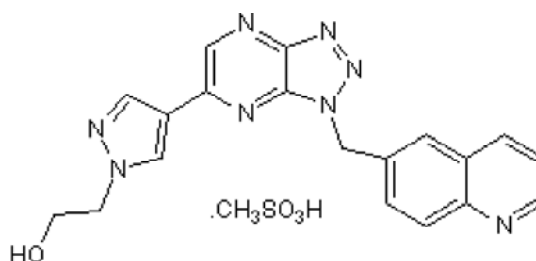
**Batch Molecular Weight:** 495.51

**Physical Appearance:** Off-white solid

**Solubility:** DMSO to 100 mM

**Storage:** Store at +4°C

**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 99.6% purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	48.48	4.68	22.61
Found	48.23	4.56	22.63

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

**bio-techne.com**

info@bio-techne.com

techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors

Tel: +1 612 379 2956

**Product Name:** PF 04217903 mesylate

**Catalog No.:** 4239

**Batch No.:** 2

CAS Number: 956906-93-7

IUPAC Name: 4-[1-(6-Quinolinylmethyl)-1H-1,2,3-triazolo[4,5-b]pyrazin-6-yl]-1H-pyrazole-1-ethanol mesylate

**Description:**

Highly selective, high affinity MET inhibitor ( $K_i = 6-7$  nM against wild type c-Met). Displays >1000-fold selectivity for c-Met over a panel of 208 kinases.

**Physical and Chemical Properties:**

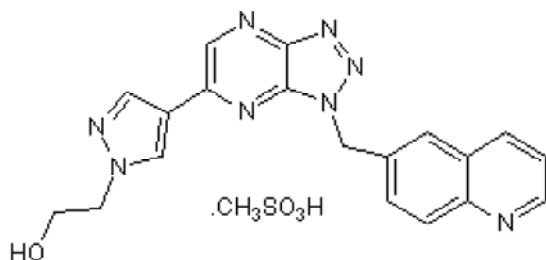
Batch Molecular Formula:  $C_{19}H_{16}N_8O \cdot CH_3SO_3H \cdot 1\frac{1}{2}H_2O$

Batch Molecular Weight: 495.51

Physical Appearance: Off-white solid

**Minimum Purity:** ≥98%

**Batch Molecular Structure:**



**Storage:** Store at +4°C

**Solubility & Usage Info:**

DMSO to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**Licensing Information:**

Sold for research purposes under agreement from Pfizer Inc.

**References:**

**Cui et al** (2012) Discovery of a novel class of exquisitely selective mesenchymal-epithelial transition factor (c-MET) protein kinase inhibitors and identification of the clinical candidate 2-(4-(1-(quinolin-6-ylmethyl)-1H-[1,2,3]triazolo[4,5-b]pyrazin-6- J.Med.Chem. **55** 8091. PMID: 22924734.

**Underiner et al** (2010) Discovery of small molecule c-Met inhibitors: evolution and profiles of clinical candidates. Anticancer Agents Med.Chem. **10** 7. PMID: 20015007.

**Eder et al** (2009) Novel therapeutic inhibitors of the c-Met signaling pathway in cancer. Clin.Cancer Res. **15** 2207. PMID: 19318488.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

**bio-techne.com**

info@bio-techne.com

techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors

Tel:+1 612 379 2956