

## Protease-Activated Receptor-1, PAR-1 Agonist TFA Biochemical

Protease-Activated Receptor-1, PAR-1 Agonist TFA

CATALOG #  
AAA227129

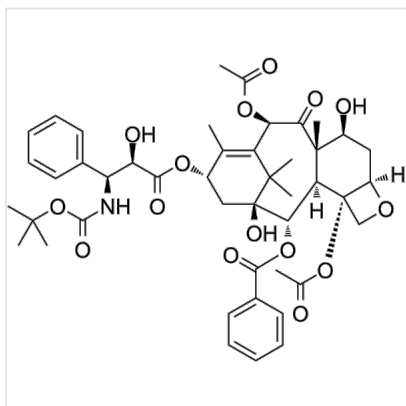
### PRODUCT SYNONYMS

Protease-Activated Receptor-1; PAR-1 Agonist TFA; PNU-101383; 10-Acetyl docetaxel; PAR-1 Agonist TFA biochemical

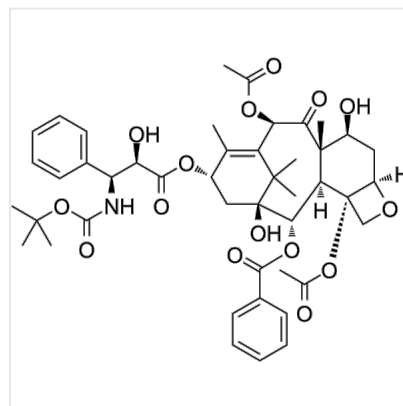
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Solubility              | H <sub>2</sub> O: 6.67 mg/mL (7.61 mM),<br>ultrasonic and warming and heat to 60 degree C<br><1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                                                                                                                                                                                     |
| In vitro                | Protease-Activated Receptor-1, PAR-1 Agonist induces activation of protein kinase C isoenzymes alpha and epsilon in human HT-29 colon carcinoma cells expressing PAR1 endogeneously. On the cellular level, Protease-Activated Receptor-1, PAR-1 Agonist and thrombin prompted HT-29 cell migration and matrix adhesion by a PKCepsilon-dependent mechanism as concluded because of the inhibition of PAR1-mediated effects by the PKC inhibitor bisindolylmaleimide I and the PKCepsilon translocation inhibitory peptide EAVSLKPT but not by the PKC inhibitor Go 6976[2]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



Structure  
Docetaxel, CAS 125354-16-7



Structure  
Docetaxel, CAS 125354-16-7

### ADDITIONAL INFORMATION

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| Related Product Information for<br>Protease-Activated Receptor-1, PAR-1<br>Agonist TFA biochemical | Protease-Activated Receptor-1, PAR-1 Agonist TFA is a selective proteinase-activated receptor1 (PAR-1) agonist peptide. Protease-Activated Receptor-1, PAR-1 Agonist TFA corresponds to PAR1 tethered ligand and which can selectively mimic the actions of thrombin via this receptor[1][2].                                                             |
| References                                                                                         | <ol style="list-style-type: none"> <li>Gueritte-Voegelein, et al. Relationships between the structure of taxol analogs and their antimitotic activity. Journal of Medicinal Chemistry, 1991. 34(3), 992-998.</li> <li>Yao, Peng, et al. Preparation of crystal form of dihydrate and DMSO solvate of anticancer compound CX1409. CN107793382A.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/protease-activated-receptor-1-par-1-agonist-tfa/227129>