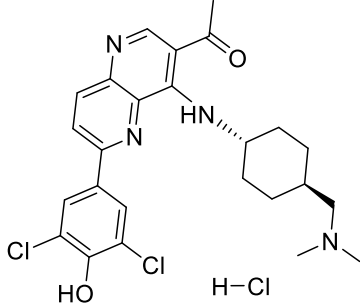




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
406520	OTSSP167 HCl salt	BBC40807

Chemical name	
1-(6-(3,5-dichloro-4-hydroxyphenyl)-4-(((1r,4r)-4-((dimethylamino)methyl)cyclohexyl)amino)-1,5-naphthyridin-3-yl)ethanone hydrochloride	
Synonyms	
OTSSP167; OTSSP-167; OTSSP 167; OTS167; OTS-167; OTS 167; OTSSP167 HCl; OTS167 HCl; OTSSP167 hydrochloride.	
Chemical structure	CAS# and Theoretical analysis
 <p>The image shows the chemical structure of OTSSP167 HCl salt. It consists of a 1,5-naphthyridine ring system. At position 3, there is an ethanone group (-C(=O)CH<sub>3</sub>). At position 4, there is a ((1r,4r)-4-((dimethylamino)methyl)cyclohexyl)amino group. At position 6, there is a 3,5-dichloro-4-hydroxyphenyl group. The structure is shown as a hydrochloride salt (H-Cl).</p>	MedKoo Cat#: 406520 Name: OTSSP167 HCl salt CAS#1431698-10-0 Lot#BBC40807 Chemical Formula: C <sub>25</sub> H <sub>29</sub> Cl <sub>3</sub> N <sub>4</sub> O <sub>2</sub> Molecular Weight: 523.88 <i>OTSSP167 free base</i> Chemical Formula: C <sub>25</sub> H <sub>28</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>2</sub> Exact Mass: 486.15893; Molecular Weight: 487.42

Analysis item	Specifications / Results
Appearance	Yellow solid powder
Structure	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**