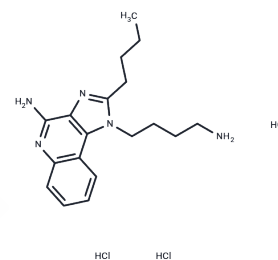


## AXC-715 trihydrochloride

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2479276-17-8  |
| Formula:          | C <sub>18</sub> H <sub>28</sub> Cl <sub>3</sub> N <sub>5</sub>  |
| Molecular Weight: | 420.81  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | AXC-715 trihydrochloride (T785 trihydrochloride) is a TLR7/TLR8 dual agonist for the synthesis of antibody-adjuvanted immunocouplings. The couplings are mostly programmed death ligand 1 (PD-L1) attached to one or more antibody structures of the adjuvant. |
| Targets(IC50) | TLR  |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 42.08 mg/mL (100 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3764 mL | 11.8818 mL | 23.7637 mL |
| 5 mM  | 0.4753 mL | 2.3764 mL  | 4.7527 mL  |
| 10 mM | 0.2376 mL | 1.1882 mL  | 2.3764 mL  |
| 50 mM | 0.0475 mL | 0.2376 mL  | 0.4753 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Sung-Ju Moon, et al. Compositions containing, methods and uses of antibody-tlr agonist conjugates. WO2020168017A1.  
Shelley Erin ACKERMAN, et al. Immunoconjugates targeting pd-l1. WO2020190734A1.

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