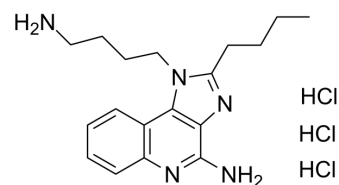


AXC-715 trihydrochloride

Cat. No.:	HY-138139B
CAS No.:	2479276-17-8
Molecular Formula:	C ₁₈ H ₂₈ Cl ₃ N ₅
Molecular Weight:	420.81
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (297.05 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
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	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

AXC-715 (T785) trihydrochloride is a TLR7/TLR8 dual agonist, extracted from patent WO2020168017 A1^[1]. AXC-715 trihydrochloride, compound D from WO2020190734A1, can be used for synthesis of antibody-adjuvant immunoconjugates, comprising an antibody construct that binds programmed death-ligand 1 (PD-L1) linked to one or more adjuvants^[2].

IC₅₀ & Target

TLR7/TLR8^[1]

REFERENCES

[1]. Sung-Ju Moon, et al. Compositions containing, methods and uses of antibody-tlr agonist conjugates. Patent WO2020168017A1.

[2]. Shelley Erin ACKERMAN, et al. Immunoconjugates targeting pd-l1. Patent WO2020190734A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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