

## Mipasetamab

## Chemical Properties

CAS No. : 2361055-48-1

Formula:

Molecular Weight:

Storage: Store at low temperature  
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Mipasetamab is a humanized antibody targeting AXL, a tyrosine kinase receptor or TAM receptor, used in synthetic ADC drugs (e.g., ADCT-601).
Targets(IC50)	TAM Receptor
In vitro	ADCT-601 (Mipasetamab uzoptirine) (0.02-9.29 nM; 5 days) exhibits cytotoxicity against AXL-positive SN12C cells and AXL-negative Karpas-299 cells [1].
In vivo	ADCT-601 (Mipasetamab uzoptirine) (1 mg/kg; intravenous injection; once daily for 60 days) demonstrated antitumor activity in mice in both the MDA-MB-231 triple-negative breast cancer (TNBC) xenograft model and the SN12C renal cell carcinoma xenograft model [1]. ADCT-601 (Mipasetamab uzoptirine) (0.075, 0.15, or 0.3 mg/kg; intravenous injection; once daily for 45 days) exhibited dose-dependent activity in a heterogeneous AXL-expressing pancreatic cancer PDX model (PAXF1657) [1].

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