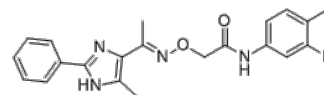


Product Name : CTLA-4 inhibitor A9.1
Cat. No. : PC-21773
CAS No. : 1111561-92-2
Molecular Formula : C₂₁H₂₁FN₄O₂
Molecular Weight : 380.42
Target : Immune Checkpoints
Solubility : 10 mM in DMSO



CAS: 1111561-92-2

Biological Activity

CTLA-4 inhibitor A9.1 is a small molecule inhibitor of cytotoxic T-lymphocyte-associated protein 4 (**CTLA-4**) with IC₅₀ of 1.4 μM in AlphaLISA assays.

CTLA-4 inhibitor A9.1 (5 mg/kg or 12.5 mg/kg) markedly reduced tumor growth without affecting the body weight in established syngeneic mouse models expressing transgenic humanized CTLA-4 protein.

References

Navid Sobhani, et al. *BJC Rep.* 2024;2:4. doi: 10.1038/s44276-023-00035-5.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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