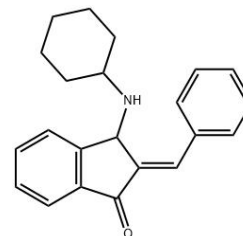


Technical Data Sheet

BCI

Compound Information

Product Name:	BCI
CAS No.:	1245792-51-1
Molecular Formula:	C ₂₂ H ₂₃ NO
Molecular Weight:	317.42
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	BCI is an allosteric inhibitor of dual specificity phosphatase (DUSP). BCI specifically inhibits DUSP6 and DUSP1 with EC ₅₀ s of 13.3 and 8.0 μ M in cells, respectively. BCI does not inhibit DUSP5.
Solubility	DMSO:125.0(Max Conc. mg/mL);393.79(Max Conc. mM)
1H NMR	Pass test

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