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CERTIFICATE OF ANALYSIS

Product name: **FAK Inhibitor 14**

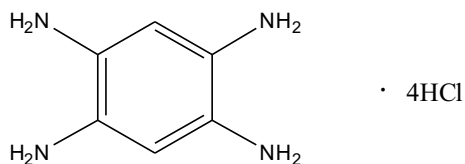
Cat. number: **VD-ACR-0009**

CAS Number: **4506-66-5**

Lot number: **VD12-00543712**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₆ H ₁₀ N ₄ · 4HCl
MW:	284.01
Purity:	>=90%
Appearance:	Grey to brown solid.
Solubility:	Water or DMSO.
Storage:	RT. Keep cool and dry.
NMR:	Consistent with structure.

Product Description:

Selective focal adhesion kinase (FAK) inhibitor that displays no significant activity at a range of other kinases including EGFR, PDGFR and IGF-RI. Prevents FAK autophosphorylation at Y397 (IC₅₀ = 1 μM), promotes cell detachment and inhibits cell adhesion in vitro. Exhibits antiproliferative activity in a variety of human tumor cell lines in vitro and in breast cancer cells in vivo.

Product Reference:

1.Golubovskaya et al (2008), J.Med.Chem. 51 7405.

Signature _____