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## Product Data Sheet

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Product Name: UK-371804 HCl

Cat. No.: GC26017

### Chemical Properties

Cas. No. 256476-36-5

Formula C<sub>14</sub>H<sub>16</sub>ClN<sub>5</sub>O<sub>4</sub>S.HCl

M.Wt 422.29

Solubility DMSO: 42 mg/mL (99.46 mM);Water: Insoluble;Ethanol: Insoluble

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

UK-371804 is a potent and selective urokinase-type plasminogen activator (uPA) inhibitor with excellent enzyme potency ( $K_i=10$  nM) and selectivity profile (4000-fold versus tPA and 2700-fold versus plasmin).

In Vitro, UK-3718046 is able to inhibit exogenous uPA in human chronic wound fluid ( $IC_{50}=0.89$   $\mu$ M)[1].

In Vivo, in a porcine acute excisional wound model, following topical delivery, UK-3718046 is able to penetrate into pig wounds and inhibit exogenous uPA activity with no adverse effect on wound healing parameters[1].

[1] Fish PV, et al. J Med Chem. 2007, 50(10):2341-51.

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

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