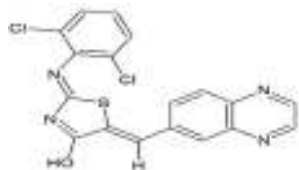


# GSK-626616

**ALTERNATE NAME:** (5Z)-2-[(2,6-Dichlorophenyl)amino]-5-(6-quinoxalinylmethylene)-4(5H)-thiazolone

**CATALOG #:** B2452-5 5 mg  
B2452-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>18</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>4</sub>OS

**MOLECULAR WEIGHT:** 401.27

**CAS NUMBER:** 1025821-33-3

**APPEARANCE:** Pale orange solid

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C.

**SOLUBILITY:** >35 mg/ml DMSO

**DESCRIPTION:** GSK-626616 is a potent and selective DYRK inhibitor (IC<sub>50</sub> = 0.7 nM); inhibits other members of the DYRK family, e.g., DYRK1A and DYRK2, with similar potency. Displays ~20-fold selectivity over casein kinase 2 and negligible activity against a panel of 451 kinases screened.

**REFERENCES:** Erickson-Miller, C.L., et al. (2007). Blood 110, 510.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Leucettine L41 (2617)  
7BIO (9690)  
Harmine (2561)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*