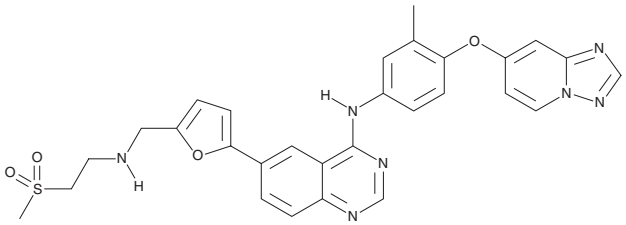
PRODUCT INFORMATION

Arry-380 analog

Item No. 24186

CAS Registry No.:	937265-83-3
Formal Name:	6-[5-[[[2-(methylsulfonyl)ethyl]amino]methyl]-2-furanyl]-N-[3-methyl-4-([1,2,4]triazolo[1,5-a]pyridin-7-yloxy)phenyl]-4-quinazolinamine
MF:	$C_{29}H_{27}N_7O_4S$
FW:	569.6
Purity:	≥98%
UV/Vis.:	λ_{max}: 334, 361 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Arry-380 analog is supplied as a crystalline solid. A stock solution may be made by dissolving the arry-380 analog in the solvent of choice. Arry-380 analog is soluble in organic solvents such as DMSO and dimethyl formamide, which should be purged with an inert gas. The solubility of arry-380 analog in these solvents is approximately 25 mg/ml.

Arry-380 analog is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, arry-380 analog should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. Arry-380 analog has a solubility of approximately 0.1 mg/ml in a 1:10 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

Arry-380 analog was designed as an inhibitor of EGFR (ErbB1).[1]

Reference

1. Lyssikatos, J.P., Hicks, J.M., Marmsater, F.P., *et al.* N4-phenyl-quinazoline-4-amine derivatives and related compounds as ErbB type I receptor tyrosine kinase inhibitors for the treatment of hyperproliferative diseases. *Array Biopharma*. **US20170252317A1** (2017).

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