

Support Information

Synthesis and Biological Evaluation of 1,4-Diaminoquinazoline Derivatives as a New Class of Potent Inhibitors of Dengue Virus

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HPLC purity data for target compounds: **4a-4y**.

HPLC purity data

HPLC analyses were performed on an Agilent 1200 series LC system (Agilent ChemStation Rev.B.03.01; column, ZORBAX Eclipse XDB-C18, 4.6 mm × 150 mm, 5 μm; mobile phase, CH₃CN/H₂O; flow rate, 1.0 mL/min; UV wavelength, maximal absorbance at 254 nm; temperature, ambient; injection volume, 2 μL).

Sample	Condition MeCN:H ₂ O (v/v) (contain:0.2% TEA)	Purity %	Sample	Condition CH ₃ CN:H ₂ O (v/v) (contain:0.2% TEA)	Purity %
4a	1:9	99.3	4n	3:17	96.7
4b	1:9	96.2	4o	1:4	98.3
4c	1:9	97.6	4p	3:7	98.4
4d	1:9	95.6	4q	1:3	98.3
4e	1:3	95.0	4r	3:7	97.7
4f	3:47	96.1	4s	1:3	96.7
4g	1:3	95.3	4t	3:7	98.4
4h	1:9	97.7	4u	1:4	95.8
4i	3:7	98.2	4v	3:17	99.9
4j	1:3	97.8	4w	1:4	97.8
4k	3:17	96.6	4x	3:7	95.1
4l	1:3	97.9	4y	1:9	99.1
4m	9:11	98.5			