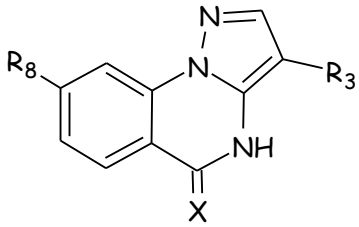
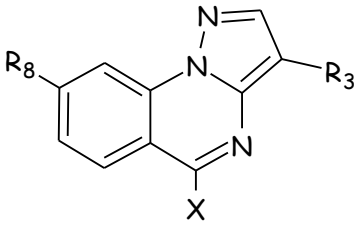


3a-h, 7, 11a, b, d-g



4a-c, 5a-i, 6a-g, 8, 9a, b, 10

Table S1: Chemical data for Pyrazolo[1,5-a]quinazoline derivatives

Comp.	R_3	R_8	X	Formula (MW)	mp °C recryst. solvent
3a	phenyl	H	O		[1]
3b	2-thienyl	H	O	$C_{14}H_9N_3OS$ (267.31)	243-245 °C methoxyethanol
3c	3-thienyl	H	O	$C_{14}H_9N_3OS$ (267.31)	232-234 °C methoxyethanol
3d	2-thienyl	OMe	O	$C_{15}H_{11}N_3O_2S$ (297.33)	288-289 °C methoxyethanol
3e	3-thienyl	OMe	O	$C_{15}H_{11}N_3O_2S$ (297.33)	>300 °C ethanol
3f	CO-(2-OMe)-Ph	OMe	O	$C_{19}H_{15}N_3O_4$ (349,34)	122-125 °C ethanol
3g	CO-2-thienyl	OMe	O	$C_{16}H_{11}N_3O_3S$ (325,34)	204-205 °C ethanol
3h	CO-3-thienyl	OMe	O	$C_{16}H_{11}N_3O_3S$ (325,34)	207-208 °C ethanol
4a	CO-(2-OMe)-Ph	OMe	Cl	$C_{19}H_{14}N_3O_3Cl$ (367,79)	173-175 °C ethanol
4b	CO-2-thienyl	OMe	Cl	$C_{16}H_{10}N_3O_2SCl$ (343,79)	169-170 °C ethanol
4c	CO-3-thienyl	OMe	Cl	$C_{16}H_{10}N_3O_2SCl$ (343,79)	167-169 °C ethanol
5a	phenyl	H	H	$C_{16}H_{11}N_3$ (245,10)	148-150 °C ethanol 80%
5b	2-thienyl	H	H	$C_{14}H_9N_3S$ (251,31)	248-250 °C ethanol 80%
5c	3-thienyl	H	H	$C_{14}H_9N_3S$ (251,31)	253-255 °C ethanol 80%
5d	2-thienyl	OMe	H	$C_{15}H_{11}N_3OS$ (281,33)	158-160 °C ethanol 80%
5e	3-thienyl	OMe	H	$C_{15}H_{11}N_3OS$ (281,33)	161-163 °C ethanol 80%
5f	2-MeO-phenyl	OMe	H	$C_{18}H_{15}N_3O_2$ (305,33)	166-168 °C ethanol
5g	3-furyl	OMe	H	$C_{15}H_{11}N_3O_2$ (265,27)	158-160 °C ethanol
5h	2-(1-Boc-pyrrole)	OMe	H	$C_{20}H_{20}N_4O_3$ (364.40)	oil
5i	2-(1H)-pyrrole	OMe	H	$C_{15}H_{12}N_4O$ (264.28)	180-183 °C ethanol
6a	CO-(2-OMe)-Ph	OMe	H	$C_{19}H_{15}N_3O_3$ (333,34)	242-244 °C ethanol
6b	CO-2-thienyl	OMe	H	$C_{16}H_{11}N_3O_2S$ (309,34)	158-160 °C ethanol
6c	CO-3-thienyl	OMe	H	$C_{16}H_{11}N_3O_2S$ (309,34)	155-157 °C ethanol

6d	CO-(4-OMe)-Ph	OMe	H	$C_{19}H_{15}N_3O_3$ (333,34)	153-155 °C ethanol
6e	CO-2-furyl	OMe	H	$C_{16}H_{11}N_3O_3$ (293,28)	155-157 °C ethanol
6f	CO-2-(1H)-pyrrole	OMe	H	$C_{16}H_{12}N_4O_2$ (292,29)	220-222 °C ethanol/water
6g	CO-2-(1-methyl-1H-pyrrole)	OMe	H	$C_{17}H_{14}N_4O_2$ (306,32)	178-180 °C ethanol/water
7	H	OMe	O	$C_{11}H_9N_3O_2$ (215.21)	279-280 °C methoxyethanol
8	H	OMe	H	$C_{11}H_9N_3O$ (199,21)	139-141 °C ethanol
9a	Br	OMe	H	$C_{11}H_8N_3OBr$ (278.10)	196-197 °C ethanol 80%
9b	I	OMe	H	$C_{11}H_8N_3OI$ (325.11)	207-209 °C ethanol 80%
10	COOH	OMe	H		[2]
11a	CO-(2-OMe)-Ph	OMe	H, H	$C_{19}H_{17}N_3O_3$ (335,36)	220-222 °C ethanol
11b	CO-2-thienyl	OMe	H, H	$C_{16}H_{13}N_3O_2S$ (311,36)	177-178 °C ethanol
11d	CO-(4-OMe)-Ph	OMe	H, H	$C_{19}H_{17}N_3O_3$ (335,36)	141-143 °C ethanol
11e	CO-2-furyl	OMe	H, H	$C_{16}H_{13}N_3O_3$ (295,29)	148-151 °C ethanol
11f	CO-2-(1H)-pyrrole	OMe	H, H	$C_{16}H_{14}N_4O_2$ (294,31)	230-233 °C ethanol
11g	CO-2-(1-methyl-1H-pyrrole)	OMe	H, H	$C_{17}H_{16}N_4O_2$ (308,33)	240-242 °C ethanol

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