Supplementary Information

for the article "Study of influence of anion nature on crystal packing features and feasibility of [2 + 2] photocycloaddition reaction in protonated forms of dimethoxystyrylheterocycles"

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Table S1. Unit cell parameters in single crystal and powder of **14**.

Compound	*T*, K		*a*, Å	*b*, Å	*c*, Å	*α*, °	*β*, °	*γ*, °	*V*, Å^3
14	298	Powder	7.2729(6)	25.9951(19)	23.7579(19)	90	97.486(6)	90	4454.2(7)
	150	Single-crystal	7.1809(5)	25.9269(18)	23.5772(16)	90	97.595(3)	90	4351.1(5)

PXRD experiment was conducted on a Haoyuan DX2700 diffractometer (CuKα, λ = 1.5418 Å, Ni-filter, reflection geometry, 2θ from 5 to 50°) equipped with a scintillator detector. The PXRD patterns were analyzed using JANA2006 [1]. For refinement, the SCXRD data were used as initial unit cell parameters.

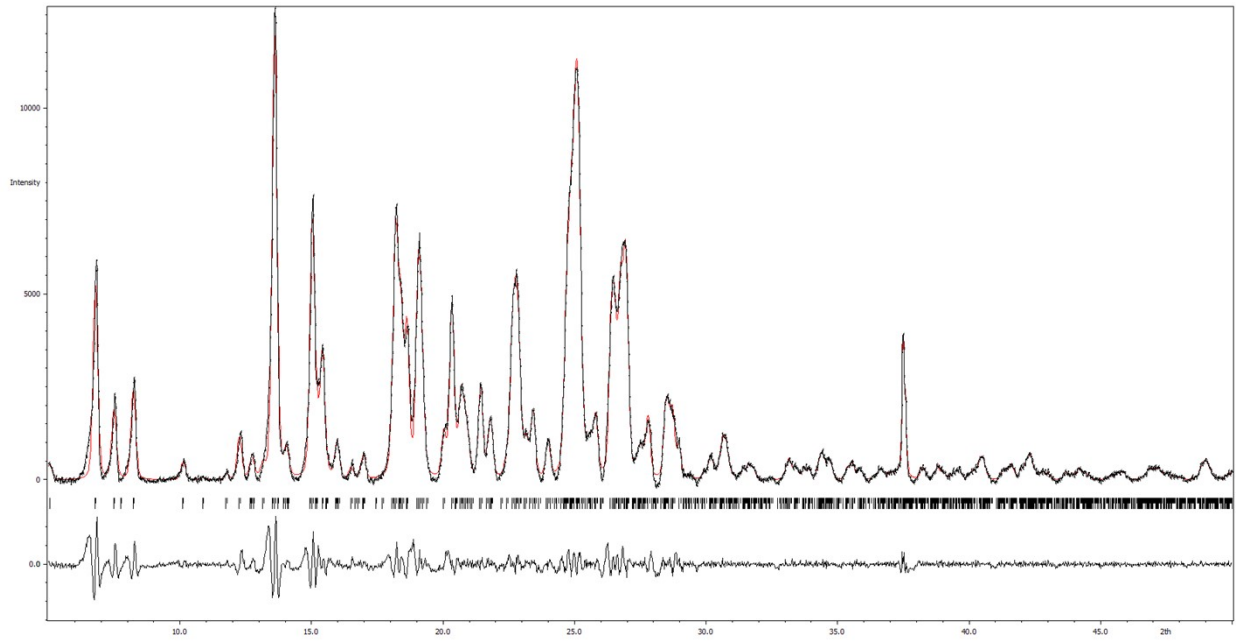

Figure S1. PXRD pattern for compound **14** (T = 298 K). Red line – the calculated fit superimposed with the experimental curve (black points). Difference curve is at the bottom of the figure.

[1] Petricek V., Dusek M., Palatinus L. Crystallographic Computing System JANA2006: General features // Zeitschrift für Kristallographie - Crystalline Materials. 2014. Vol. 229. No. 5. pp. 345-352.