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IMIDAZOLIUM BASED IONIC LIQUID AS STABILIZER FOR ELECTRODE MODIFICATION WITH A WATER-SOLUBLE PORPHYRIN

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Table S1. Experimental and theoretical Raman frequencies (cm⁻¹) of anion (ILs) and anion (ILs) – TMPyP system.

Experimental Raman NTf ₂ - (cm ⁻¹)	Experimental Raman NTf ₂ - – TMPyP (cm ⁻¹)	Theoretical Raman NTf ₂ - (cm ⁻¹)	Theoretical Raman NTf ₂ – TMPyP (cm ⁻¹)	Assignment
283	289	287	273	FCSO skeletal def.
451	437	452	491	OSNS skeletal def.
1242	1242	1256	1258	(S)-CF₃ def.
Evporimental	Evporimental	Theoretical	Theoretical	

Experimental Raman PF ₆ - (cm ⁻¹)	Experimental Raman PF ₆ - – TMPyP (cm ⁻¹)	Theoretical Raman PF ₆ ⁻ (cm ⁻¹)	Theoretical Raman PF ₆ ⁻ – TMPyP (cm ⁻¹)	Assignment
468	468	449	446	PF ₆ def.
823	822	894	893	PF ₆ - def.

*def.: deformation